

## ARG30359 PINK1-Parkin Mitophagy Antibody Panel

Package: 1 pair

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG67305	anti-PINK1 antibody	Rabbit pAb	Hu, Ms, Rat	WB	20 µl
ARG58151	anti-Parkin antibody	Rabbit pAb	Hu, Ms, Rat	FACS, ICC/IF, IHC-P, WB	20 µl
ARG55799	anti-LC3B antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB	20 µl
ARG66326	anti-COX4 antibody [SQab1874]	Rabbit mAb	AGMK, Bov, Chk, Dog, Hu, Ms, Pig, Rat	FACS, ICC/IF, IHC-P, IP, WB	20 µl

### Summary

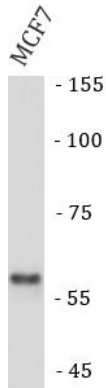
Product Description	PINK1-Parkin Mitophagy Antibody Panel is an all-in-one solution to make PINK1-Parkin Mitophagy research easy and economic.
Target Name	PINK1 / Parkin / LC3B / COX4

### Properties

Storage instruction	-20°C
Note	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

### Bioinformation

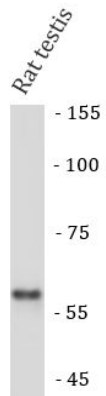
Gene Full Name	Antibody Panel for PINK1-Parkin Mitophagy
Highlight	Related Product: <a href="#">anti-PINK1 antibody;</a> <a href="#">anti-Parkin antibody;</a> <a href="#">anti-LC3B antibody;</a> <a href="#">anti-COX4 antibody;</a>



ARG67305 anti-PINK1 antibody WB image

Western blot: MCF7 stained with ARG67305 anti-PINK1 antibody.

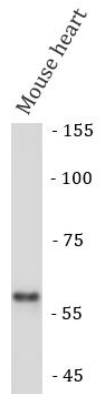
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ARG67305 anti-PINK1 antibody WB image

Western blot: Rat testis stained with ARG67305 anti-PINK1 antibody.

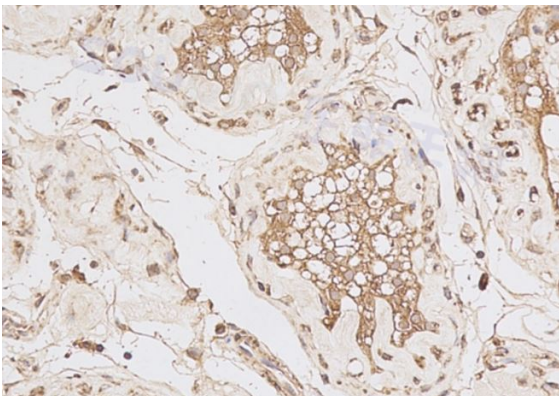
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ARG67305 anti-PINK1 antibody WB image

Western blot: Mouse heart stained with ARG67305 anti-PINK1 antibody.

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ARG58151 anti-Parkin antibody IHC-P image

Immunohistochemistry: Human testis stained with ARG58151 anti-Parkin antibody.

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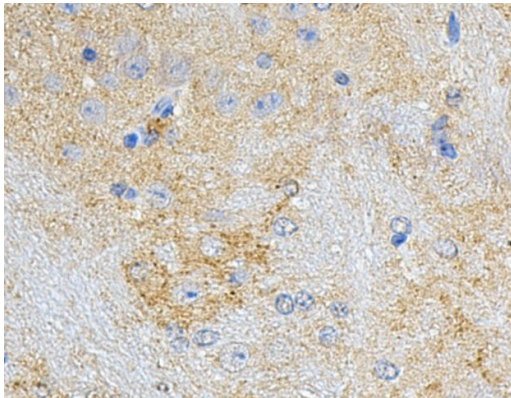
ARG58151 anti-Parkin antibody WB image

Western blot: Jurkat cell lysate stained with ARG58151 anti-Parkin antibody.



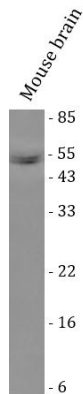
ARG58151 anti-Parkin antibody WB image

Western blot: PC-12 stained with ARG58151 anti-Parkin antibody.



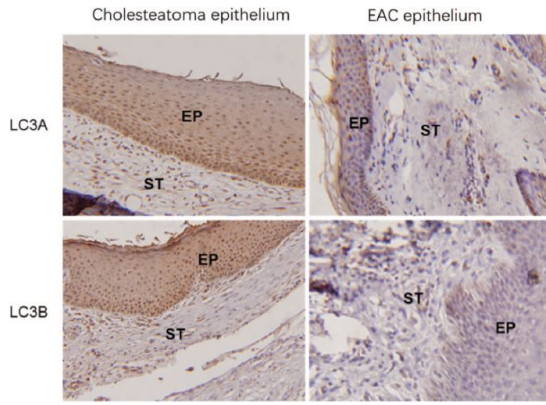
ARG58151 anti-Parkin antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG58151 anti-Parkin antibody.



ARG58151 anti-Parkin antibody WB image

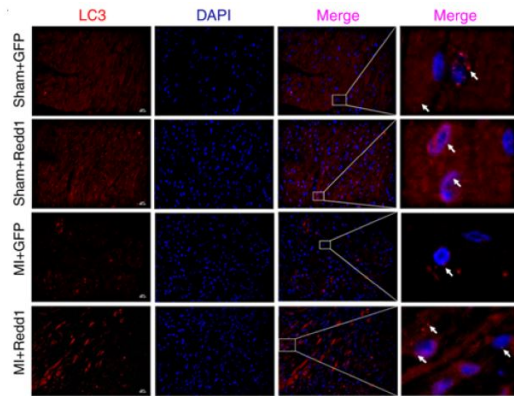
Western blot: Mouse brain stained with ARG58151 anti-Parkin antibody.



#### ARG55799 anti-LC3B antibody IHC-P image

Immunohistochemistry: Human epithelium stained with [ARG51300 anti-LC3A antibody](#) and ARG55799 anti-LC3B antibody.

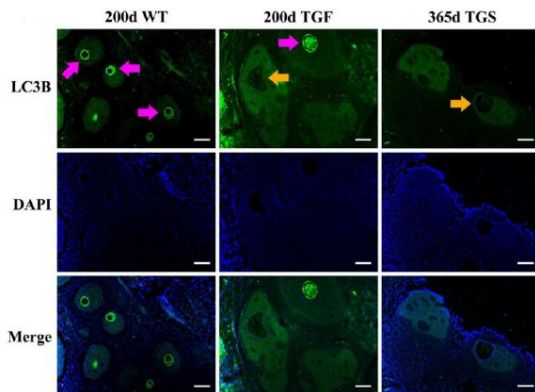
From Li Q et al. *Otol Neurotol* (2019), [doi: 10.1097/MAO.0000000000002404](#), Fig. 2.



#### ARG55799 anti-LC3B antibody ICC/IF image

Immunofluorescence: Mouse heart stained with ARG55799 anti-LC3B antibody.

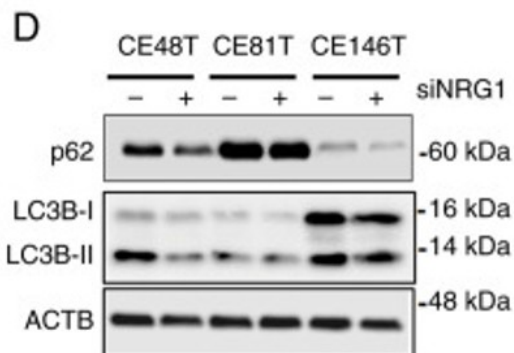
From Huang P et al. *Int J Mol Med* (2019), [doi: 10.3892/ijmm.2019.4366](#), Fig. 5. D.



#### ARG55799 anti-LC3B antibody IHC-P image

Immunohistochemistry: Porcine ovarian stained with ARG55799 anti-LC3B antibody.

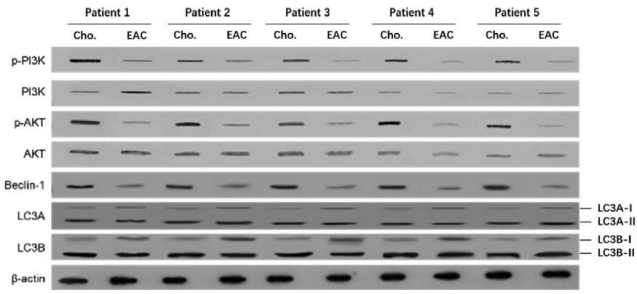
From Yufeng Qin et al. Preprint- (2019), [doi: 10-1101-724096](#), Fig. 5. C.



#### ARG55799 anti-LC3B antibody WB image

Western blot: ESCC cell stained with ARG55799 anti-LC3B antibody and [ARG55040 anti-SQSTM1 / p62 antibody](#).

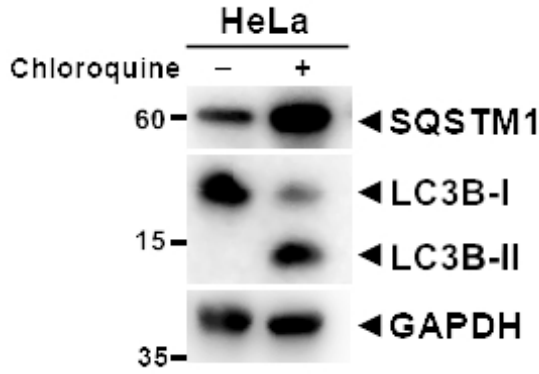
From Tseng YC et al. *Int J Mol Med*. (2025), [doi: 10.3892/ijmm.2025.5503](#), Fig. 5. D.



ARG55799 anti-LC3B antibody WB image

Western blot: Mouse heart stained with [ARG51300 anti-LC3A antibody](#) and ARG55799 anti-LC3B antibody.

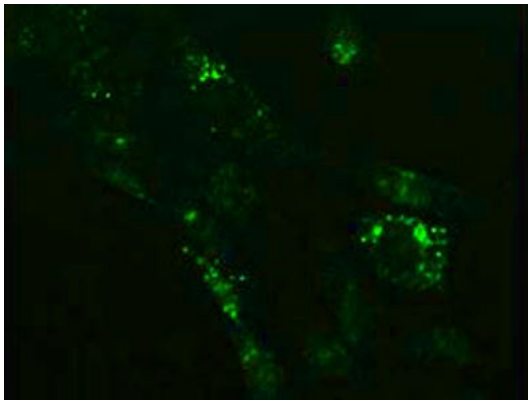
From Li Q et al. Otol Neurotol (2019), doi: [10.1097/MAO.0000000000002404](https://doi.org/10.1097/MAO.0000000000002404), Fig. 2.



ARG55799 anti-LC3B antibody WB image (Customer's Feedback)

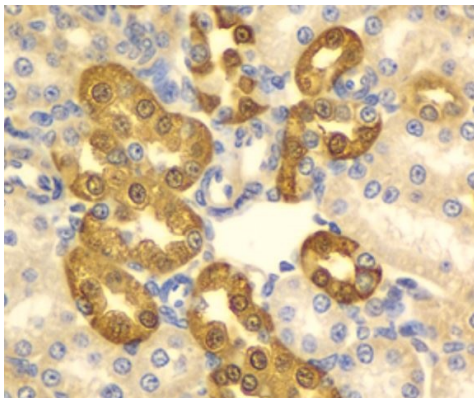
Western blot: HeLa cells untreated or treated with Chloroquine. 20 µg of cell lysates stained with [ARG55040 anti-SQSTM1 / p62 antibody](#) and ARG55799 anti-LC3B antibody at 1:1000 dilution.

An anti-GAPDH antibody used as a positive control.



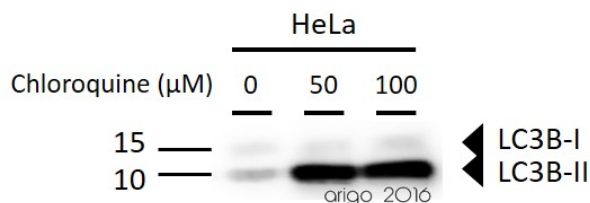
ARG55799 anti-LC3B antibody ICC/IF image

Immunofluorescence: NIH/3T3 cells treated with Chloroquine (50 µM, 37°C for 20 hours). Cells were stained with ARG55799 anti-LC3B antibody at 1:100 dilution.



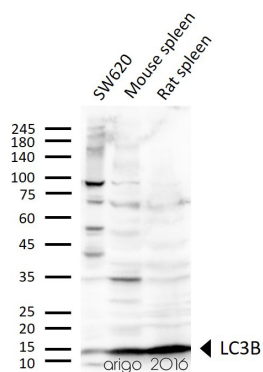
ARG55799 anti-LC3B antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat kidney stained with ARG55799 anti-LC3B antibody at 1:100 dilution.



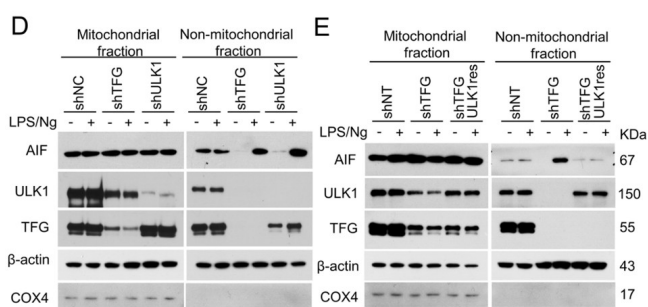
ARG55799 anti-LC3B antibody WB image

Western blot: 30 µg of HeLa untreated or treated with Chloroquine at 50 µM, 100 µM (18 hr). The bolts stained with ARG55799 anti-LC3B antibody at 1:1000 dilution.



ARG55799 anti-LC3B antibody WB image

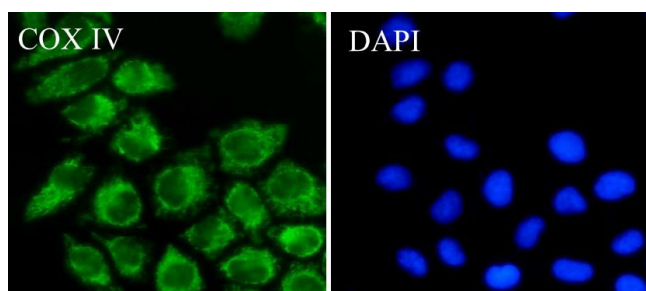
Western blot: 30 µg of SW620, Mouse spleen, and Rat spleen lysates stained with ARG55799 anti-LC3B antibody at 1:1000 dilution.



ARG66326 anti-COX4 antibody [SQab1874] WB image

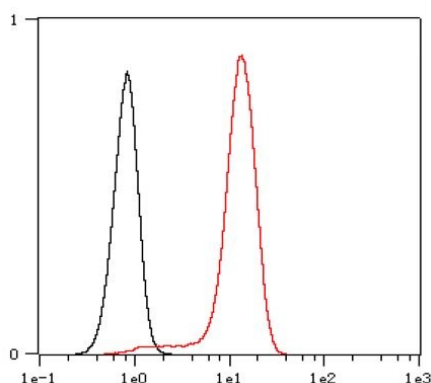
Western blot: THP-1 stained with ARG66326 anti-COX4 antibody [SQab1874].

From Jian-Hong Shi et al. Cell Death Dis- (2022), [doi: 10.1038/s41419-022-04539-9](https://doi.org/10.1038/s41419-022-04539-9), Fig. 8. E.



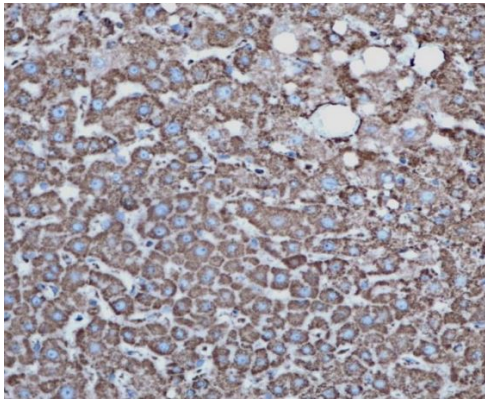
ARG66326 anti-COX4 antibody [SQab1874] ICC/IF image

Immunofluorescence: HeLa cells were fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% goat serum for 30 min at RT. Cells were stained with ARG66326 anti-COX4 antibody [SQab1874] (green) at 1:50 and 4°C. DAPI (blue) was used as the nuclear counter stain.



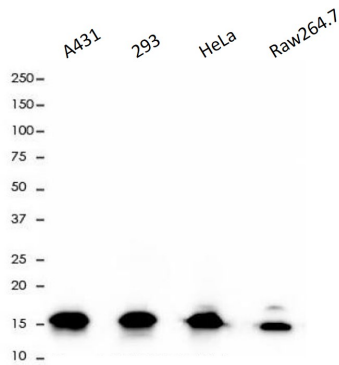
ARG66326 anti-COX4 antibody [SQab1874] FACS image

Flow Cytometry: HeLa cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% TritonX-100 for 15 min. The cells were stained with ARG66326 anti-COX4 antibody [SQab1874] (red) at 1:1,000 dilution in 1x PBS/1% BSA for 30 min at RT, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (black) was used as a control.



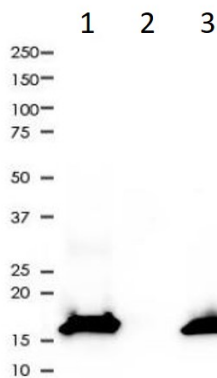
#### ARG66326 anti-COX4 antibody [SQab1874] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded liver tissue stained with ARG66326 anti-COX4 antibody [SQab1874] at 1:200 dilution. Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0.



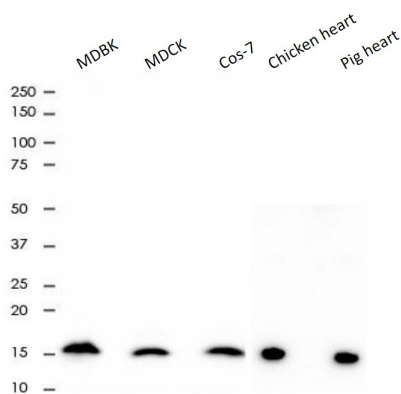
#### ARG66326 anti-COX4 antibody [SQab1874] WB image

Western blot: 10 µg of A431, 293, HeLa and Raw264.7 cell lysates stained with ARG66326 anti-COX4 antibody [SQab1874] at 1:5000 dilution.



#### ARG66326 anti-COX4 antibody [SQab1874] IP image

Immunoprecipitation: 0.4 mg of HeLa whole cell lysate immunoprecipitated (1:50) and stained with ARG66326 anti-COX4 antibody [SQab1874]. 1) ARG66326 IP in HeLa whole cell lysate, 2) PBS instead of ARG66326 in HeLa whole cell lysate, and 3) HeLa whole cell lysate, 10 µg (input).



#### ARG66326 anti-COX4 antibody [SQab1874] WB image

Western blot: 10 µg of MDBK, MDCK, Cos-7, Chicken heart and Pig heart lysates stained with ARG66326 anti-COX4 antibody [SQab1874] at 1:5000 dilution.



#### ARG66326 anti-COX4 antibody [SQab1874] WB image

Western blot: 2  $\mu$ g of Mouse heart, Mouse kidney, Mouse liver, Rat heart, Rat kidney and Rat liver lysates stained with ARG66326 anti-COX4 antibody [SQab1874] at 1:5000 dilution.