

## ARG30263 Mitochondrial fission Antibody Duo (Drp1, BAX)

Package: 1 pair  
Store at: -20°C

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG55200	anti-DNM1L / DRP1 antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB	50 µl

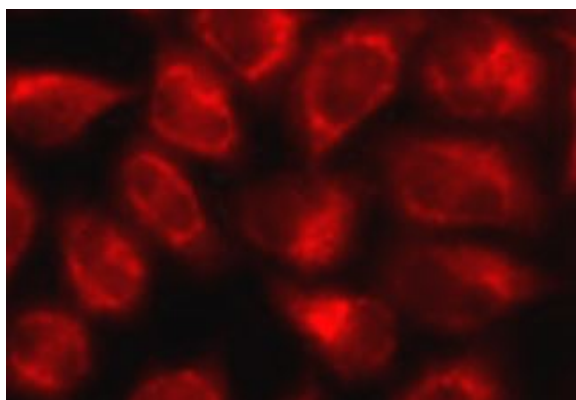
### Summary

Product Description	Mitochondria routinely undergo fission and fusion events that maintain a dynamic reticular network. Dynamin-1-like protein (DNM1L), also known as Drp1, is a GTPase that fundamentally regulates mitochondrial fission. In response to many apoptotic stimuli, oligomerization of Bax is essential for mitochondrial outer membrane permeabilization and the ensuing release of cytochrome c. These events are accompanied by mitochondrial fission that require Drp1. This antibody duo provides useful tool for the study of the mechanism of Bax oligomerization in apoptosis and other biological processes. Montessuit et al. (2010) Cell (142): 889-901
Target Name	Mitochondrial fission
Alternate Names	Mitochondrial fission antibody; DNM1L / DRP1 antibody; Bax antibody

### Properties

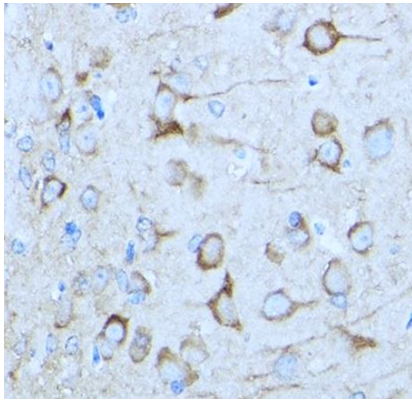
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should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

### Images



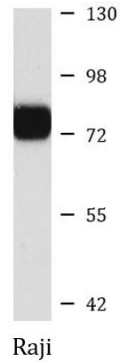
ARG55200 anti-DNM1L / DRP1 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG55200 anti-DNM1L / DRP1 antibody.



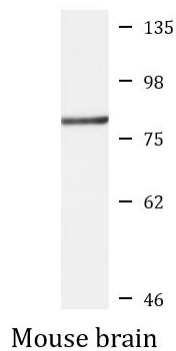
ARG55200 anti-DNM1L / DRP1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain tissue stained with ARG55200 anti-DNM1L / DRP1 antibody at 1:250 dilution.



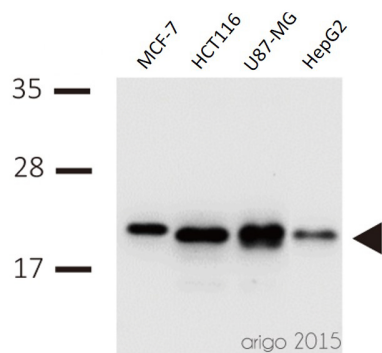
ARG55200 anti-DNM1L / DRP1 antibody WB image

Western blot: Raji cell lysate stained with ARG55200 anti-DNM1L / DRP1 antibody.



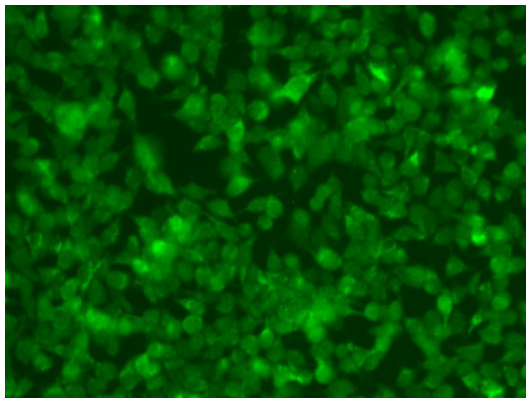
ARG55200 anti-DNM1L / DRP1 antibody WB image

Western blot: 25 µg of Mouse brain lysate stained with ARG55200 anti-DNM1L / DRP1 antibody at 1:8000 dilution.



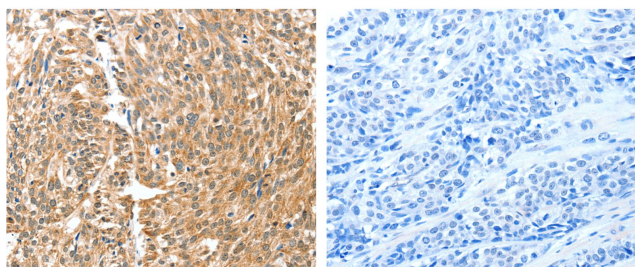
ARG65612 anti-Bax antibody WB image

Western blot: 30 µg of MCF-7, HCT116, U87-MG, and HepG2 cell line lysates stained with ARG65612 anti-Bax antibody at 1:500 dilution.



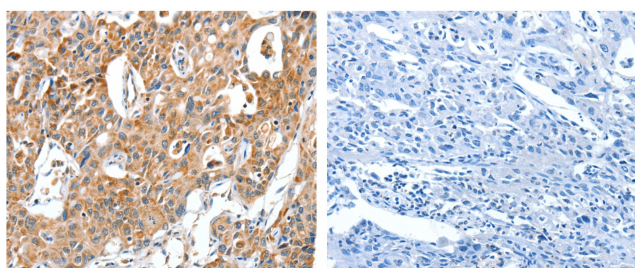
ARG65612 anti-Bax antibody ICC/IF image

Immunocytochemistry: HeLa cells fixed with Methanol / Acetone 1:1 ratio (-20°C for 20 min) and blocked by 3% BSA in PBS (RT for 1 hour). The cells stained with ARG65612 anti-Bax antibody at 1:20 dilution (RT for 1 hour).



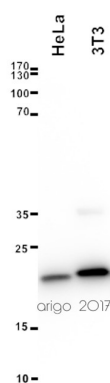
ARG65612 anti-Bax antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human esophagus cancer tissue stained with ARG65612 anti-Bax antibody (left) at 1/30 dilution, or the same antibody preincubated with antigen (right). (Original magnification: X200)



ARG65612 anti-Bax antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human lung cancer tissue stained with ARG65612 anti-Bax antibody (left) at 1/30 dilution, or the same antibody preincubated with antigen (right). (Original magnification: X200)



ARG65612 anti-Bax antibody WB image

Western blot: 20 µg of HeLa and 3T3 cell lysates stained with ARG65612 anti-Bax antibody at 1:3000 dilution.