

## ARG30275 Pro-apoptotic Bcl2 protein Antibody Panel (BAX, BAK, Bid)

Package: 1 kit  
Store at: -20°C

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG54941	anti-Bax antibody	Rabbit pAb	Hu, Ms	ICC/IF, IP, WB	50 µg
ARG62367	anti-Bak antibody	Rabbit pAb	Hu, Ms, Hm	IHC-P, WB	100 µl
ARG65625	anti-Bid antibody	Rabbit pAb	Hu	IHC-P, WB	50 µl
ARG65351	Goat anti-Rabbit IgG antibody (HRP)	Goat pAb	Rb	ELISA, IHC-P, WB	50 µl

### Summary

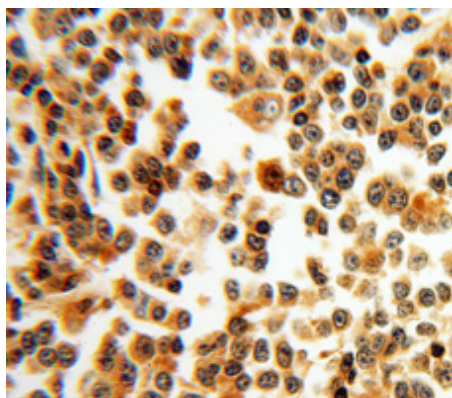
Product Description	<p>A variety of physiological death signals trigger the genetically programmed pathway of apoptosis which is manifested in two major execution programs downstream of the death signal: the caspase pathway and organelle dysfunction. The BCL-2 family of proteins is known as an important gatekeeper to the apoptotic response. This group of structurally related proteins comprises pro-apoptotic and anti-apoptotic members that interact with one another. The pro-apoptotic factors, including BAX, BAK or BID promotes pore-forming effectors such that Cytochrome-C is released from the mitochondria and kick-start the caspase cleavage cascades. They, together with their opposing partner, BCL2, have become targets for cancer therapeutic interventions.</p> <p>Gross et al. 1999. Genes &amp; Dev 13:1899-1911</p>
Target Name	Pro-apoptotic Bcl2 protein
Alternate Names	Pro-apoptotic Bcl2 protein antibody; Bax antibody; Bak antibody; Bid 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.

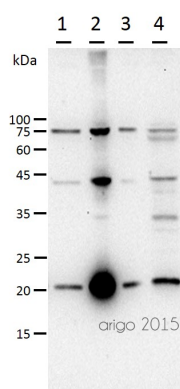
### Bioinformation

Gene Full Name	Antibody Panel for Pro-apoptotic Bcl2 protein (BAX, BAK, Bid)
Highlight	<p>Related Product:</p> <p><a href="#">anti-Bax antibody;</a></p> <p><a href="#">anti-Bak antibody;</a></p> <p><a href="#">anti-Bid antibody;</a></p>



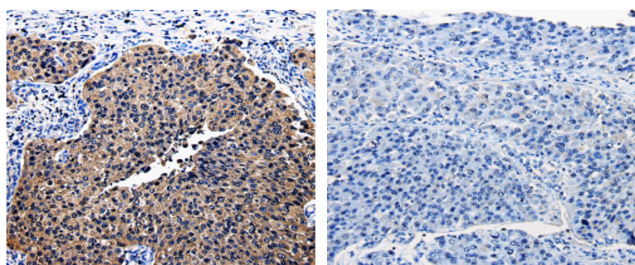
ARG54941 anti-Bax antibody IHC-P image

Immunohistochemistry: paraffin-embedded Lymphoma stained with ARG54941 anti-Bax antibody.



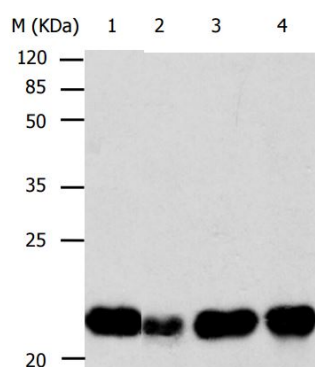
ARG54941 anti-Bax antibody WB image

Western blot: 30  $\mu$ g of 1) HeLa, 2) HepG2, 3) 293T, and 4) Mouse ovary lysate stained with ARG54941 anti-Bax antibody at 1:500 dilution.



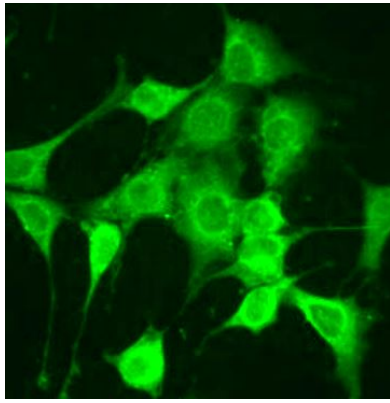
ARG65625 anti-Bid antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human renal cancer tissue stained with ARG65625 anti-Bid antibody (left) at 1:25 dilution, or the same antibody preincubated with antigen (right). (Original magnification: X200)



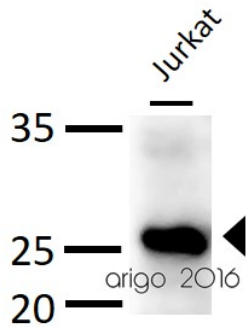
ARG65625 anti-Bid antibody WB image

Western Blot: 40  $\mu$ g of lysates from: 1) Human fetal brain tissue, 2) Human liver tissue, 3) HT29 cells, 4) HepG2 cells stained with ARG65625 anti-Bid antibody at 1/260 dilution. Exposure time: 10 seconds.



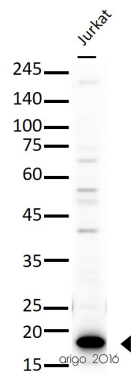
ARG54941 anti-Bax antibody ICC/IF image

Immunofluorescence: NIH/3T3 cells stained with ARG54941 anti-Bax antibody at 1:100 dilution.



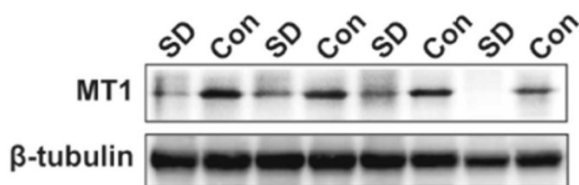
ARG62367 anti-Bak antibody WB image

Western blot: 30 µg of Jurkat cell lysate stained with ARG62367 anti-Bak antibody at 1:500 dilution.



ARG65625 anti-Bid antibody WB image

Western blot: 30 µg of Jurkat cell lysate stained with ARG65625 anti-Bid antibody at 1:500 dilution.

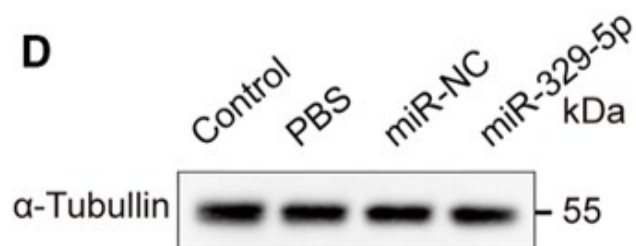


ARG65351 Goat anti-Rabbit IgG antibody (HRP) WB image

Western blot: Rat placental stained with [ARG57589 anti-MTNR1A antibody](#) at 1:1000 dilution, ARG65351 Goat anti-Rabbit IgG antibody (HRP) at 1:5000 dilution.

From Jinzhi Li et al. J Reprod Immunol. (2023), [doi: 10.1016/j.jri.2023.104166](#), Fig. 2.B.

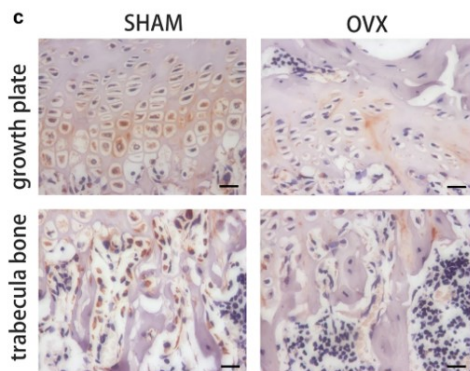
D



ARG65351 Goat anti-Rabbit IgG antibody (HRP) WB image

Western blot: Mouse retina stained with [ARG65693 anti-alpha Tubulin antibody](#) and ARG65351 Goat anti-Rabbit IgG antibody (HRP)

From Xiaoyuan Ye et al. Mol Ther Nucleic Acids. (2024), [doi: 10.1016/j.omtn.2024.102209](#), Fig. 5.D.



ARG65351 Goat anti-Rabbit IgG antibody (HRP) IHC-P image

From Yu-Qian Song et al. J Mol Med (Berl) (2022), [doi: 10.1007/s00109-021-02165-0](#), Fig. 5.c.