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	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. Gross et al. 1999. Genes & Dev 13:1899-1911
Target Name	Pro-apoptotic Bcl2 protein
Alternate Names	Pro-apoptotic Bcl2 protein antibody; Bax antibody; Bak antibody; Bid antibody

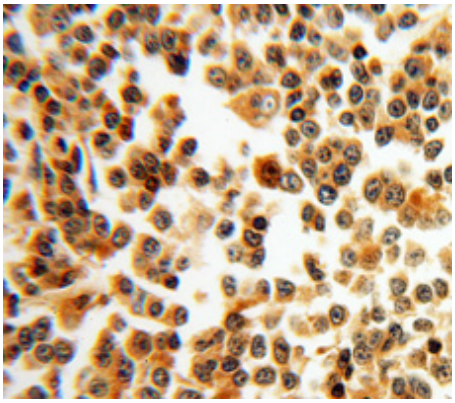
Properties

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

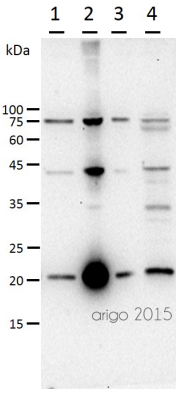
Gene Full Name	Antibody Panel for Pro-apoptotic Bcl2 protein (BAX, BAK, Bid)
Highlight	Related Product: anti-Bax antibody; anti-Bak antibody; anti-Bid antibody;

Images



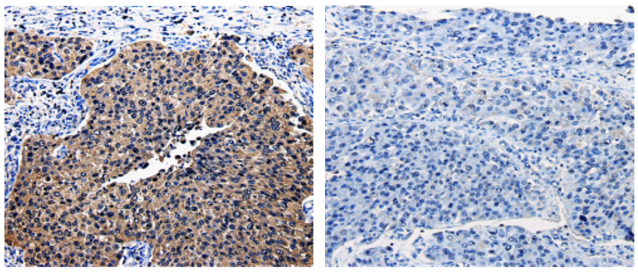
ARG54941 anti-Bax antibody IHC-P image

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



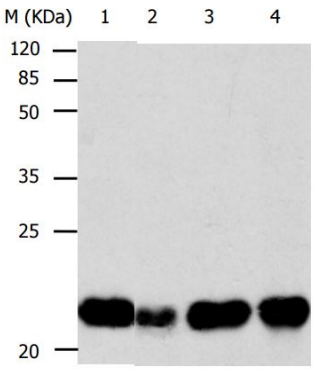
ARG54941 anti-Bax antibody WB image

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



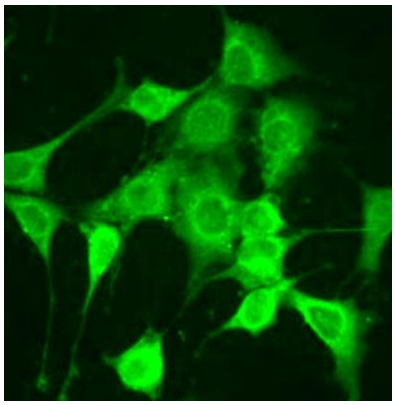
ARG65625 anti-Bid antibody IHC-P image

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)



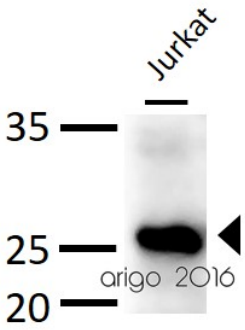
ARG65625 anti-Bid antibody WB image

Western Blot: 40 µg 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.



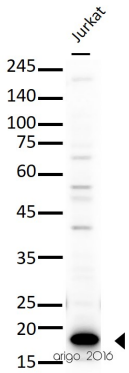
ARG54941 anti-Bax antibody ICC/IF image

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



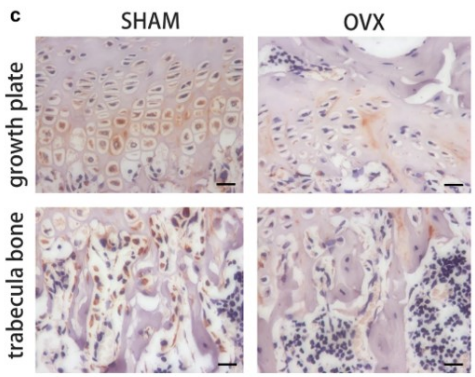
ARG62367 anti-Bak antibody WB image

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.



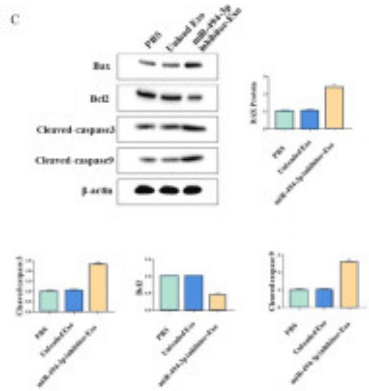
ARG65351 Goat anti-Rabbit IgG antibody (HRP) IHC-P image

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

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

Western blot: HK2 stained with ARG66421 anti-CXCL12 / SDF1 antibody [SQab18123] and ARG10112 anti-GAPDH antibody [6C5] and secondary antibody used ARG65351 Goat anti-Rabbit IgG antibody (HRP).

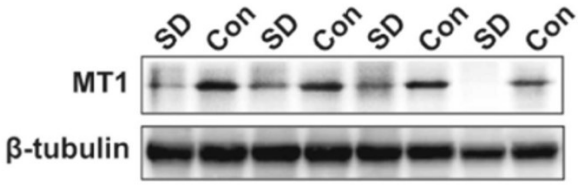
From Zhou Y et al. Central European Journal of Immunology (2022), doi: 10.5114/ceji.2022.115628, Fig. 2. E.



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

Western blot: Gastric cancer cells stained with ARG66247 anti-Bax antibody, ARG55188 anti-Bcl 2 antibody, ARG57512 anti-Caspase 3 (cleaved) antibody and ARG62346 anti-beta Actin antibody [BA3R]. Secondary Antibody stained with ARG65351 Goat anti-Rabbit IgG antibody (HRP).

From Limin Zhang et al. Heliyon (2024), doi: 10.1016/j.heliyon.2024.e30803, Fig. 4. C.



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.