[KO Validated] BAX Polyclonal Antibody

Catalog No.	A0207	**Category**	Polyclonal Antibodies
Applications	WB, IHC, IF	**Observed MW**	21kDa
Cross-reactivity	Human, Mouse	**Calculated MW**	4kDa/12kDa/15kDa/18kDa/19kDa/21kDa/24kDa

Immunogen Information

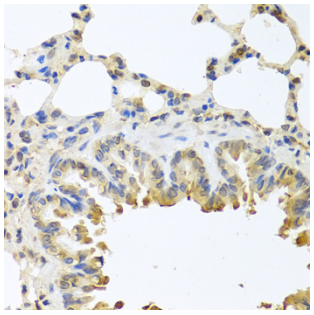
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human BAX (NP_620116.1).
Gene ID	581
Swiss prot	Q07812
Synonyms	BAX; BCL2L4; apoptosis regulator BAX

Product information

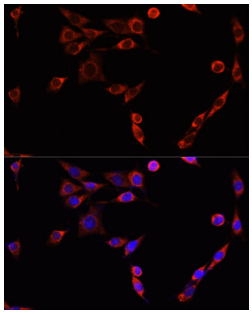
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene.



Immunohistochemistry - [KO Validated] BAX Polyclonal Antibody (A0207)



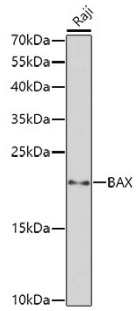
Immunofluorescence - [KO Validated] BAX Polyclonal Antibody (A0207)

Recommended Dilutions

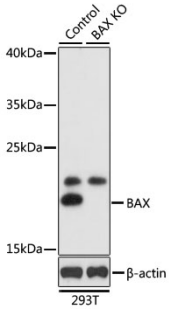
WB 1:500 - 1:2000

IHC 1:50 - 1:100

IF 1:50 - 1:200



Western blot - [KO Validated] BAX Polyclonal Antibody (A0207)



Western blot - [KO Validated] BAX Polyclonal Antibody (A0207)

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