

Datasheet: AHP2716

BATCH NUMBER 163930

Description:	RABBIT ANTI BAX
Specificity:	BAX
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
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Product Form	Purified IgG - liquid
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Antiserum Preparation Antiserum to BAX was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
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Preservative	0.05% Proclin™300
Stabilisers	50% Glycerol

Immunogen	Synthetic human BAX peptide
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External Database Links

UniProt:

[Q07812](https://www.uniprot.org/entry/Q07812)

[Related reagents](#)

Entrez Gene:

Synonyms	BCL2L4
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Specificity	Rabbit anti BAX antibody recognizes the Bcl-2-associated X protein (BAX) also known as Bcl-2 like protein 4. BAX together with BAK (BCL-2 antagonist or killer), another member of the Bcl-2 family, plays a key role in the intrinsic apoptosis pathway by inducing mitochondrial outer membrane permeabilization (MOMP) (Giansanti and Scovassi 2008). This event is aided by BID (BH3-interacting domain death agonist), which activates the two proteins and thereby facilitates the formation of homo- or heterodimers. Often in the literature, MOMP is regarded as the point of no return upon which a cell is committed to undergo apoptosis (Chipuk <i>et al.</i> 2006).
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Western Blotting	Rabbit anti BAX antibody detects a band of approximately 21 kDa in cell lysates under reducing conditions
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References	<ol style="list-style-type: none">1. Giansanti, V. & Scovassi, A.I. (2008) Cell Death: A One-Way Journey to the Graveyard. The Open Biology Journal (1): 27-34.2. Chipuk, J.E. <i>et al.</i> (2006) Mitochondrial outer membrane permeabilization during apoptosis: the innocent bystander scenario. Cell Death Differ. 13 (8): 1396-402.
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Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Acknowledgements	ProClin™ is a trademark of The Dow Chemical Company (“Dow”) or an affiliated company of Dow.
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Health And Safety Information	Material Safety Datasheet documentation #20376 available at: https://www.bio-rad-antibodies.com/SDS/AHP2716 20376
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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