

## Datasheet: AHP2716

<b>Description:</b>	RABBIT ANTI BAX
<b>Specificity:</b>	BAX
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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

**Product Form** Purified IgG - liquid

**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

**Preservative** 0.02% Sodium Azide  
**Stabilisers** 50% Glycerol

**Immunogen** Synthetic human BAX peptide

### External Database Links

**UniProt:**  
[Q07812](#)   [Related reagents](#)

**Entrez Gene:**  
[581](#) BAX   [Related reagents](#)

**Synonyms** BCL2L4

**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 et al. 2006](#)).

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<b>Western Blotting</b>	Rabbit anti BAX antibody detects a band of approximately 21 kDa in cell lysates under reducing conditions
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<b>References</b>	<ol style="list-style-type: none"><li>1. Giansanti, V. &amp; Scovassi, A.I. (2008) Cell Death: A One-Way Journey to the Graveyard. <a href="#">The Open Biology Journal (1): 27-34</a>.</li><li>2. Chipuk, J.E. et al. (2006) Mitochondrial outer membrane permeabilization during apoptosis: the innocent bystander scenario. <a href="#">Cell Death Differ. 13 (8): 1396-402</a>.</li></ol>
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<b>Storage</b>	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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<b>Shelf Life</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10049 available at: 10049: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10049.pdf</a>
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),  
[DyLight@680](#), [DyLight@800](#)

### Recommended Useful Reagents

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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