

## Datasheet: AHP2421

**BATCH NUMBER 152742**

<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>	0.1 mg

### 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	▪			1/400

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

#### Species Cross Reactivity

Reacts with: Mouse, Rat

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

#### Product Form

Purified IgG - liquid

#### Preparation

Purified IgG prepared by affinity chromatography

#### Antiserum Preparation

Antiserum to BAX was raised by repeated immunisation of rabbits with highly purified antigen

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.1% Sodium Azide (NaN<sub>3</sub>)

0.2% Gelatin

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<b>Approx. Protein Concentrations</b>	IgG concentration 0.2 mg/ml
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<b>Immunogen</b>	Peptide mapping to the amino terminus of human BAX
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<b>External Database Links</b>	<b>UniProt:</b> <a href="#">Q07812</a> <a href="#">Related reagents</a>
	<b>Entrez Gene:</b> <a href="#">581</a> BAX <a href="#">Related reagents</a>

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<b>Synonyms</b>	BCL2L4
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<b>Specificity</b>	<b>Rabbit anti BAX antibody</b> 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) ( <a href="#">Giansanti and Scovassi 2008</a> ). 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 ( <a href="#">Chipuk et al. 2006</a> ).
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<b>Western Blotting</b>	Rabbit anti BAX recognizes a band of approximately 23 kDa when run under reducing conditions
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<b>References</b>	1. Olejnik, J. <i>et al.</i> (2013) Ebola virus does not block apoptotic signaling pathways. <a href="#">J Virol. 87 (10): 5384-96.</a>
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<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20341 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2421">https://www.bio-rad-antibodies.com/SDS/AHP2421</a> 20341
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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](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

## Recommended Useful Reagents

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

**North & South** Tel: +1 800 265 7376

**Worldwide** Tel: +44 (0)1865 852 700

**Europe** Tel: +49 (0) 89 8090 95 21

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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