

Datasheet: AHP1722

Description:	RABBIT ANTI HUMAN Bcl-xL
Specificity:	Bcl-xL
Other names:	BCL2L1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1 - 2ug/ml

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 Bcl-xL was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by immunoaffinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.02% Sodium Azide (NaN₃)

Approx. Protein Concentrations

IgG concentration 1.0mg/ml

Immunogen

A peptide corresponding to 14 amino acids near the carboxy terminus of human Bcl-xL precursor.

External Database Links

UniProt:

[Q07817](#) [Related reagents](#)

Entrez Gene:

[598](#) BCL2L1 [Related reagents](#)

Synonyms	BCL2L, BCLX
Specificity	Rabbit anti Human Bcl-xL antibody recognizes the long isoform of human Bcl-2-like protein 1, otherwise known as Bcl-xL, located on the mitochondrial membrane. The Bcl-xL isoform (the longer isoform) is a potent inhibitor of apoptosis. It appears to regulate cell death by binding to and blocking the voltage-dependent anion channel, thereby preventing the release of the caspase activator cytochrome c. High expression of Bcl-xL in tumours correlates to advanced disease and a poor prognosis.
Western Blotting	AHP1722 detects a band of approximately 27kDa in A549 cell lysate
Storage	Store at +4°C or at -20°C if preferred. 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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

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 \(STAR209P\)](#)

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