

Datasheet: VPA00088

Description:	RABBIT ANTI BAP31
Specificity:	BAP31
Other names:	p28
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 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	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: 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

Rabbit polyclonal antibody purified by affinity chromatography.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃).

Immunogen 17 amino acid peptide located near human BAP31 C-terminus.

External Database

Links

UniProt:

[P51572](#) [Related reagents](#)

Entrez Gene:

[10134](#) BCAP31 [Related reagents](#)

Synonyms

BAP31, DXS1357E

Specificity

Rabbit anti Human BAP31 antibody recognizes the human chaperone protein, B-cell receptor-associated protein 31, also known as BAP31. BAP31 is a 246 amino acid ~28 kDa conserved multi pass type III integral transmembrane protein of the endoplasmic reticulum, containing two caspase cleavage sites within its cytosolic domain.

BAP31 appears to be a multi-functional ER-associated transport protein, identified through its association with membrane IgD in B-cells ([Adachi et al. 1996](#)). Several proteins associate with BAP31, including the Beta2 integrin receptor CD11b/CD18 ([Zen et al. 2004](#)), non-muscle gamma-actin and myosin B heavy chain ([Ducret et al. 2003](#)). BAP31 associates with Bcl-2 and cleavage by initiator caspases including caspase 1 and 8 generating a membrane-integrated p20 fragment which is itself a potent inducer of apoptosis when expressed ectopically ([Breckenridge et al. 2003](#)).

Rabbit anti Human BAP31 antibody detects BAP31 as a band of approximately 24 kDa in a wide range of human cell line lysates.

Western Blotting

Rabbit anti BAP31 detects a band of approximately 24 kDa in Jurkat cell lysates.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch.

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00088>
Antibody (10040)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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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

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