

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
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 which was originally identified through its association with membrane IgD in B-cells (Adachi et al. 1996). Several proteins have since been shown to 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 has become a focus area for apoptosis studies due to its association 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.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 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: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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