

Datasheet: VPA00453

Description:	RABBIT ANTI UBIQUILIN-1
Specificity:	UBIQUILIN-1
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: Mouse 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) 2% Sucrose.
Immunogen	Synthetic peptide directed towards the middle region of human ubiquilin-1
External Database Links	<p>UniProt: Q9UMX0 Related reagents</p> <p>Entrez Gene: 29979 UBQLN1 Related reagents</p>
Synonyms	DA41, PLIC1

Specificity	Rabbit anti Human ubiquilin-1 antibody recognizes ubiquilin-1, also known as hPLIC-1 or protein linking IAP with cytoskeleton 1. The UBQLN1 gene encodes an ubiquitin-like protein (ubiquilin) that shares a high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain an N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and thus are thought to functionally link the ubiquitination machinery to the proteasome to affect <i>in vivo</i> protein degradation. This ubiquilin has also been shown to modulate accumulation of presenilin proteins, and it is found in lesions associated with Alzheimer's and Parkinson's disease (Mah et al. 2000). Two transcript variants encoding different isoforms have been found for UBQLN1 (provided by RefSeq, Jul 2008). Rabbit anti Human ubiquilin-1 antibody detects a band of 66 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti Ubiquilin-1 detects a band of approximately 66 kDa in HEK293 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 #10045 available at: Antibody (10045): https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

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