

Datasheet: VPA00090

Description:	RABBIT ANTI UBC13
Specificity:	UBC13
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: Mouse, 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	A 15 amino acid peptide located near the human UBC13 C-terminus.
External Database Links	UniProt: P61088 Related reagents Entrez Gene: 7334 UBE2N Related reagents
Synonyms	BLU

Specificity	Rabbit anti Human UBC13 antibody recognizes UBC13, also known as ubiquitin-conjugating enzyme E2 N (UBE2N), an important component of the toll-like receptor and interleukin-1R signalling pathway. UBC13 is a DNA-damage inducible protein which forms part of an enzyme complex, with UEV1A, that indirectly activates TAK1 via the ubiquitination of TRAF-6. Ubiquitin modification of proteins is important for error-free DNA repair and for targeting of short-lived or abnormal proteins for degradation (Martein <i>et al.</i> 2009). Rabbit anti Human UBC13 antibody detects ubiquitin-conjugating enzyme E2 N as a band of 17 kDa in a wide range of human cell line lysates. Cross reactivity with rodent cell lines is also observed.
Western Blotting	Rabbit anti UBC13 detects a band of approximately 17 kDa in K562 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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