

Datasheet: VMA00607

Description:	HUMAN ANTI STUB1
Specificity:	STUB1
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Isotype:	HuCAL Fab bivalent
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

Human monoclonal antibody purified by metal chelate affinity chromatography from *E. coli* extract.

Buffer Solution

Phosphate buffered saline.

Preservative Stabilisers

0.09% Sodium Azide (NaN₃).

Immunogen

E. coli-derived recombinant human STUB1 (aa 1 - 303)

External Database Links	UniProt: Q9UNE7 Related reagents
	Entrez Gene: 10273 STUB1 Related reagents
Synonyms	CHIP
Specificity	<p>Human anti Human STUB1 antibody recognizes STUB1, also known as E3 ubiquitin-protein ligase CHIP, CLL-associated antigen KW-8, STIP1 homology and U-box containing protein 1 or heat shock protein A binding protein 2.</p> <p>This gene encodes a protein containing tetratricopeptide repeat and a U-box that functions as a ubiquitin ligase/cochaperone. The encoded protein binds to and ubiquitinates shock cognate 71 kDa protein (Hspa8) and DNA polymerase beta (Polb), among other targets. Mutations in this gene cause spinocerebellar ataxia, autosomal recessive 16. Alternative splicing results in multiple transcript variants. There is a pseudogene for this gene on chromosome 2 (provided by RefSeq, Jun 2014).</p> <p>Human anti Human STUB1 antibody detects a band of 35 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Human anti STUB1 antibody detects a band of approximately 35 kDa in MCF7 cell lysates.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the protein. Storage in frost-free freezers is not recommended.</p>
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: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Human IgG F(ab')₂ (STAR126...) [HRP](#)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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