

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	<p>Reacts with: Rat</p> <p>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.</p>
Product Form	Purified IgG - liquid
Preparation	Human monoclonal antibody purified by metal chelate affinity chromatography from <i>E. coli</i> extract.
Source	E.coli
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).

Immunogen	<i>E. coli</i> -derived recombinant human STUB1 (aa 1 - 303)
External Database Links	<p>UniProt: Q9UNE7 Related reagents</p> <p>Entrez Gene: 10273 STUB1 Related reagents</p>
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: https://www.bio-rad-antibodies.com/SDS/VMA00607 Antibody (10040)
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

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

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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
'M421431:230706'

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