

Datasheet: VPA00520

Description:	GOAT ANTI E3 UBIQUITIN LIGASE SIAH1
Specificity:	E3 UBIQUITIN LIGASE SIAH1
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. 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	Goat polyclonal antibody purified by affinity chromatography.
Buffer Solution	Tris buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin.
Immunogen	Peptide sequence SRQTATALPTGTSKC

**External Database
Links**

UniProt:

[Q8IUQ4](#)

[Related reagents](#)

Entrez Gene:

[6477](#)

SIAH1

[Related reagents](#)

Synonyms

HUMSIAH

Specificity

Goat anti Human E3 ubiquitin ligase SIAH1 antibody recognizes E3 ubiquitin-protein ligase SIAH1, also known as seven in absentia homolog 1 or siah-1a.

The SIAH1 gene encodes a protein that is a member of the seven in absentia homolog (SIAH) family. The protein is an E3 ligase and is involved in ubiquitination and proteasome-mediated degradation of specific proteins. The activity of this ubiquitin ligase has been implicated in the development of certain forms of Parkinson's disease, the regulation of the cellular response to hypoxia and induction of apoptosis ([Frank *et al.* 2006](#)). Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized (provided by RefSeq, Jul 2008).

Goat anti Human E3 ubiquitin-protein ligase SIAH1 antibody detects a band of 31 kDa. The antibody has been extensively validated for western blotting using tissue and whole cell lysates.

Western Blotting

Anti E3 ubiquitin ligase SIAH1 detects a band of approximately 31 kDa in mouse brain tissue.

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 #10058 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00520>
Antibody (10058)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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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
'M428885:240301'

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