

## Datasheet: VPA00520

<b>Description:</b>	GOAT ANTI E3 UBIQUITIN LIGASE SIAH1
<b>Specificity:</b>	E3 UBIQUITIN LIGASE SIAH1
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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<sub>3</sub>)  
0.5% Bovine Serum Albumin.

### Immunogen

Peptide sequence SRQTATALPTGTSKC

**External Database  
Links**

**UniProt:**

[Q8IUQ4](#) [Related reagents](#)

**Entrez Gene:**

[6477](#) SIAH1 [Related reagents](#)

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**Synonyms**

HUMSIAH

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**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.

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**Western Blotting**

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

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**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Guarantee**

12 months from date of despatch.

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**Acknowledgements**

PrecisionAb is a trademark of Bio-Rad Laboratories.

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**Health And Safety  
Information**

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

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**Regulatory**

For research purposes only.

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## Related Products

### Recommended Secondary Antibodies

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

**North & South  
America**

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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](https://bio-rad-antibodies.com/datasheets)  
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