

Datasheet: VPA00845

**BATCH NUMBER 170824**

<b>Description:</b>	RABBIT ANTI ASNS
<b>Specificity:</b>	ASNS
<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: 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

Rabbit polyclonal antibody purified by affinity chromatography on immunogen

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide  
<50% Glycerol

**Immunogen** Recombinant protein of human ASNS

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**External Database**

**Links**

**UniProt:**

[P08243](#) [Related reagents](#)

**Entrez Gene:**

[440](#) ASNS [Related reagents](#)

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**Synonyms**

TS11

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**Specificity**

**Rabbit anti Human ASNS antibody** recognizes ASNS, also known as TS11 cell cycle control protein, asparagine synthetase [glutamine-hydrolyzing] and glutamine-dependent asparagine synthetase.

The protein encoded by ASNS is involved in the synthesis of asparagine. ASNS complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. Alternatively spliced transcript variants have been described for ASNS (provided by RefSeq, May 2010).

Rabbit anti Human ASNS detects a band of 64 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting**

Anti ASNS antibody recognizes a band of approximately 64 kDa in PC-12 cell lysates

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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 #10049 available at:  
<https://www.bio-rad-antibodies.com/SDS/VPA00845>  
10049

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [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](http://bio-rad-antibodies.com/datasheets)

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