

## Datasheet: VPA00138

<b>Description:</b>	GOAT ANTI CLATHRIN LIGHT CHAIN A/B
<b>Specificity:</b>	CLATHRIN LIGHT CHAIN A/B
<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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Goat polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline.
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> ) 0.5 % BSA
<b>Immunogen</b>	Peptide with the sequence CDFNPKSSKQAKD, from the internal region of the protein sequence.

### External Database Links

#### UniProt:

[P09496](#)

[Related reagents](#)

[P09497](#)

[Related reagents](#)

**Entrez Gene:**[1211](#) CLTA [Related reagents](#)[1212](#) CLTB [Related reagents](#)

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**Specificity** **Goat anti Human clathrin light chain A/B antibody** recognizes the clathrin light chain A and B

Clathrin is a large, soluble protein composed of heavy and light chains. It functions as the main structural component of the lattice-type cytoplasmic face of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. CTLA encodes one of two clathrin light chain proteins which are believed to function as regulatory elements, CTLB encodes the other. Alternative splicing results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 8 and 12 (provided by RefSeq, May 2010).

Goat anti Human clathrin light chain A/B detects a band of 27 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti clathrin light chain A/B detects a band of approximately 27 kDa in HepG2 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 #10058 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00138>  
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](#)

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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://www.bio-rad-antibodies.com/datasheets)  
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