

Datasheet: VPA00230

Description:	RABBIT ANTI ATG7
Specificity:	ATG7
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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	KLH conjugated synthetic peptide between 540-569 amino acids from the C-terminal region of human ATG7

External Database Links

UniProt:

[O95352](#)

[Related reagents](#)

Entrez Gene:[10533](#) [ATG7](#) [Related reagents](#)

Synonyms	APG7L
Specificity	<p>Rabbit anti Human ATG7 antibody recognizes ubiquitin-like modifier-activating enzyme ATG7, also known as ATG12-activating enzyme E1 ATG7, ATG7 autophagy related 7 homolog, autophagy-related protein 7, hAGP7 and ubiquitin activating enzyme E1-like protein.</p> <p>ATG7 was identified based on homology to <i>Pichia pastoris</i> GSA7 and <i>Saccharomyces cerevisiae</i> APG7. In the yeast, the protein appears to be required for fusion of peroxisomal and vacuolar membranes. The protein shows homology to the ATP-binding and catalytic sites of the E1 ubiquitin activating enzymes (provided by RefSeq, Jan 2009).</p> <p>Rabbit anti Human ATG7 antibody detects a band of 78 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti ATG7 detects a band of approximately 78 kDa in HeLa cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	As supplied, 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: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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