

## Datasheet: AHP2243

<b>Description:</b>	RABBIT ANTI ATG101
<b>Specificity:</b>	ATG101
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

## 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
Immunohistology - Frozen	▪			5ug/ml
ELISA	▪			
Western Blotting	▪			1-2ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Mouse, Rat <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Antisera to Human ATG101 were raised by repeated immunisation of Rabbits with highly purified antigen Purified IgG prepared from whole serum by chromatography
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.02% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	A synthetic peptide corresponding to 16 amino acid sequence from near the centre of human ATG101
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">Q9BSB4</a> <a href="#">Related reagents</a>

[Q6AY69](#) [Related reagents](#)

[Q9D8Z6](#) [Related reagents](#)

**Entrez Gene:**

[60673](#) C12orf44 [Related reagents](#)

[300240](#) RGD1359310 [Related reagents](#)

[68118](#) 9430023L20Rik [Related reagents](#)

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<b>Synonyms</b>	C12orf44
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<b>Specificity</b>	<b>Rabbit anti ATG101 antibody</b> recognises human autophagy-related protein 101 (ATG101), a 218 amino acid ~30 kDa protein belonging to the ATG101 family involved in autophagosome formation.
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<b>ELISA</b>	This product is suitable for use in indirect ELISA applications.
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<b>Histology Positive Control Tissue</b>	Mouse Liver
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<b>Western Blotting</b>	AHP2243 detects a band of approximately 29 kDa in Human liver tissue lysates.
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<b>Storage</b>	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted.
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<b>Shelf Life</b>	18 months from date of despatch.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),  
[DyLight®680](#), [DyLight®800](#)

### Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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