

Datasheet: AHP2248

Description:	RABBIT ANTI ATG9A
Specificity:	ATG9A
Other names:	APG9-LIKE 1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin (1)	■			5ug/ml
ELISA	■			
Western Blotting	■			1ug/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.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Antisera to Human ATG9A were raised by repeated immunisation of Rabbits with highly purified antigen Purified IgG prepared from whole serum by affinity chromatography
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	A synthetic peptide corresponding to 17 amino acid sequence from near the carboxy terminus of human ATG9A.

**External Database
Links**

UniProt:

Q7Z3C6	Related reagents
Q68FE2	Related reagents
Q5FWU3	Related reagents

Entrez Gene:

79065	ATG9A	Related reagents
245860	Atg9a	Related reagents
363254	Atg9a	Related reagents

Synonyms

Apg9l1, APG9L1

Specificity

Rabbit anti Human ATG9A antibody recognises human Autophagy-related protein 9A, also known as ATG9A or APG9-like 1. ATG9A is a 839 amino acid ~95 kDa multipass transmembrane glycoprotein protein involved in autophagy and cytoplasm to vacuole transport vesicle formation belonging to the ATG9 family.

ELISA

This product is suitable for use in indirect ELISA applications.

**Histology Positive
Control Tissue**

Human heart tissue

Western Blotting

AHP2248 detects a band of approximately 96 kDa in Human heart tissue lysates.

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted.

Shelf Life

18 months from date of despatch.

**Health And Safety
Information**

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

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

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)
[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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