

Datasheet: AHP2242

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| Description: | RABBIT ANTI ATG13 |
| Specificity: | ATG13 |
| 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.

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|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 ATG13 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 1.0mg/ml |
| Immunogen | A synthetic peptide corresponding to 15 amino acid sequence from near the carboxy terminus of human ATG13. |

**External Database
Links**

UniProt:
[O75143](#) [Related reagents](#)

Entrez Gene:
[9776](#) ATG13 [Related reagents](#)

Synonyms

KIAA0652

Specificity

Rabbit anti Human ATG13 antibody recognises human Autophagy-related protein 13 (ATG13), a 517 amino acid ~55 kDa protein belonging to the ATG13 metazoan family.

ELISA

This product is suitable for use in indirect ELISA applications.

**Histology Positive
Control Tissue**

Mouse Heart

Western Blotting

AHP2242 detects a band of approximately 49 kDa in Rat 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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