

Datasheet: AHP1889

**BATCH NUMBER 230315**

<b>Description:</b>	RABBIT ANTI AMBRA1 (C-TERMINAL)
<b>Specificity:</b>	AMBRA1 (C-TERMINAL)
<b>Other names:</b>	WDR94
<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 - Paraffin (1)	▪			5ug/ml
Western Blotting	▪			1 - 2ug/ml
Immunofluorescence	▪			20ug/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.**

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse, Rat</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antiserum to human AMBRA1 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity 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>	Synthetic peptide corresponding to a 15 amino acid sequence from near the carboxy terminus of human AMBRA1.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9C0C7</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">55626</a>   AMBRA1   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	KIAA1736
<b>RRID</b>	AB_2273951
<b>Specificity</b>	<p><b>Rabbit anti AMBRA1 (C-Terminal) antibody</b> recognizes human Activating molecule in beclin-1-regulated autophagy (AMBRA1), also known as WDR94.</p> <p>AMBRA1 is involved in the regulation of autophagy. Research indicates that it controls protein turnover during neuronal development and in regulating normal cell survival and proliferation.</p> <p>At least 5 isoforms of AMBRA have been identified.</p>
<b>Histology Positive Control Tissue</b>	Human brain
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10040 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/AHP1889">https://www.bio-rad-antibodies.com/SDS/AHP1889</a>  10040</p>
<b>Regulatory</b>	For research purposes only

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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