

## Product datasheet

# Anti-Indoleamine 2, 3-dioxygenase antibody ab106134

13 References 1 Image

### Overview

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<b>Product name</b>	Anti-Indoleamine 2, 3-dioxygenase antibody
<b>Description</b>	Rabbit polyclonal to Indoleamine 2, 3-dioxygenase
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Rat
<b>Immunogen</b>	A mixture of 3 peptides derived from Rat Indoleamine 2, 3-dioxygenase: MPHSQISPAEGSRRILEEY (1-19), LFSFPGGDCDKGFFLVSLMVE (155-176), and VKPSKQKPMGGHKSEEPS (359-376), conjugated to KLH.
<b>General notes</b>	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications &amp; species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications &amp; species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications &amp; species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications &amp; species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&amp;As.</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituents: 0.1% BSA, PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab106134** in the following tested applications.

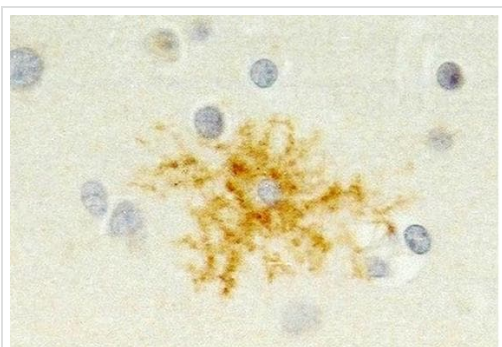
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

<b>Function</b>	Catalyzes the cleavage of the pyrrol ring of tryptophan and incorporates both atoms of a molecule of oxygen.
<b>Pathway</b>	Amino-acid degradation; L-tryptophan degradation via kynurenine pathway; L-kynurenine from L-tryptophan: step 1/2.
<b>Sequence similarities</b>	Belongs to the indoleamine 2,3-dioxygenase family.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Indoleamine 2, 3-dioxygenase antibody (ab106134)

Heat (at 60°C in 10 mM sodium citrate, pH6.0, for 60 minutes) inducing epitope retrieval is used as pre-treatment. Blocking of the endogenous peroxidase is necessary to avoid unspecific background staining.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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