


Product datasheet

Anti-ENT1 antibody ab150493

1 Image

Overview

<b>Product name</b>	Anti-ENT1 antibody
<b>Description</b>	Rabbit polyclonal to ENT1
<b>Host species</b>	Rabbit
<b>Specificity</b>	BLAST analysis of the peptide immunogen showed no homology with other Human proteins.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rabbit, Goat, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Monkey, Gorilla, Common marmoset, Orangutan, Bat, Elephant 
<b>Immunogen</b>	Synthetic 16 amino acid peptide from the internal region of Human ENT1.
<b>Positive control</b>	Human placenta tissue
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&amp;As</p>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: 99% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

## Applications

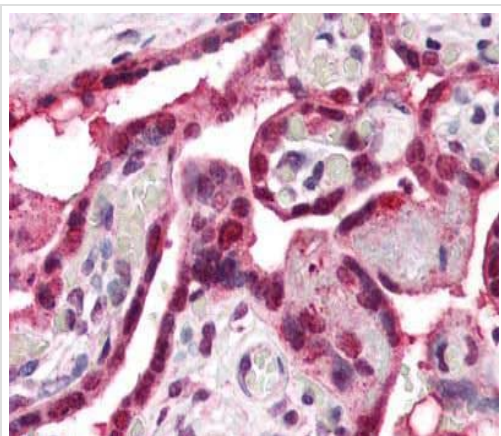
**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab150493 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 2.5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## Target

<b>Function</b>	Mediates both influx and efflux of nucleosides across the membrane (equilibrative transporter). It is sensitive (ES) to low concentrations of the inhibitor nitrobenzylmercaptapurine riboside (NBMPR) and is sodium-independent. It has a higher affinity for adenosine. Inhibited by dipyridamole and dilazep (anticancer chemotherapeutic drugs).
<b>Tissue specificity</b>	Expressed in heart, brain, mammary gland, erythrocytes and placenta, and also in fetal liver and spleen.
<b>Sequence similarities</b>	Belongs to the SLC29A transporter family.
<b>Post-translational modifications</b>	Glycosylated.
<b>Cellular localization</b>	Basolateral cell membrane. Apical cell membrane. Predominantly localized in the basolateral membrane in polarised MDCK cells.

## Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human placenta tissue labelling ENT1 with ab150493 at 2.5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ENT1 antibody (ab150493)

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

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors