


Product datasheet

Anti-ASCT-1 antibody - C-terminal ab189126

1 Image

Overview

Product name	Anti-ASCT-1 antibody - C-terminal
Description	Rabbit polyclonal to ASCT-1 - C-terminal
Host species	Rabbit
Specificity	BLAST analysis of the peptide immunogen showed no homology with other Human proteins.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Dog, Monkey, Gorilla, Common marmoset 
Immunogen	Synthetic peptide corresponding to Human ASCT-1 (C terminal). 14 amino acid peptide. Database link: P43007
Positive control	Human adrenal tissue
General notes	<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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

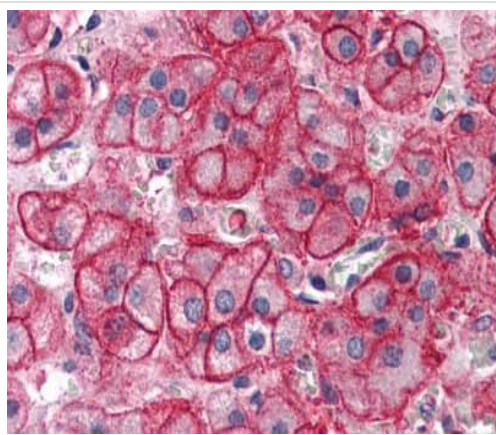
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab189126 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Function	Transporter for alanine, serine, cysteine, and threonine. Exhibits sodium dependence.
Tissue specificity	Expressed mostly in brain, muscle, and pancreas but detected in all tissues examined.
Involvement in disease	Spastic tetraplegia, thin corpus callosum, and progressive microcephaly
Sequence similarities	Belongs to the dicarboxylate/amino acid:cation symporter (DAACS) (TC 2.A.23) family. SLC1A4 subfamily.
Cellular localization	Membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



Immunohistochemical analysis of paraffin-embedded, formalin-fixed Human adrenal tissue labeling ASCT-1 using ab189126 at 2.5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ASCT-1 antibody - C-terminal (ab189126)

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

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