

Product datasheet

Anti-PRAX-1 antibody ab121856

[1 References](#) [1 Image](#)

Overview

Product name	Anti-PRAX-1 antibody
Description	Rabbit polyclonal to PRAX-1
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	antigen sequence: RTASTSTLGE KDPGPAAPSL AKQEA EW TAG EACPASSSTQ GARAQQAPNT EMCQGGDPGS GLRPRAEKED TAE LGVHLVN SLVDHGRNSD LSD, corresponding to internal sequence amino acids 1167-1259 of Human PRAX-1. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Human esophagus 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab121856 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		1/20 - 1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Tissue specificity	Predominantly expressed in brain, pituitary gland and thymus in adults. In adult brain, highest expression found in temporal lobe and the putamen, followed by amygdala, caudate nucleus, cerebral cortex, occipital and frontal lobe. A high expression level is also observed in fetal tissues like brain, heart, kidney and thymus.
Sequence similarities	Belongs to the RIMBP family. Contains 3 fibronectin type-III domains. Contains 3 SH3 domains.
Domain	The SH3 and proline-rich domain is required for the interaction with BZRP and the second SH3 domain mediates binding to a proline-rich motif in RIMS1 and RIMS2.
Cellular localization	Cytoplasm. Mitochondrion. Preferentially expressed in the mitochondria in the presence of BZRP.

Images



ab121856, at 1/40 dilution, staining PRAX-1 in squamous epithelial cells of paraffin-embedded Human esophagus by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRAX-1 antibody (ab121856)

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