


Product datasheet

Anti-BEST4 antibody ab188823

1 Image

Overview

Product name	Anti-BEST4 antibody
Description	Rabbit polyclonal to BEST4
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: Rat, Rabbit, Horse, Cow, Dog, Pig, Monkey, Gorilla 
Immunogen	Synthetic peptide corresponding to Human BEST4 (internal sequence). (18 amino acid peptide; NP_695006.1). Database link: Q8NFU0
Positive control	Human colon tissue.

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	Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab188823** in the following tested applications.

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

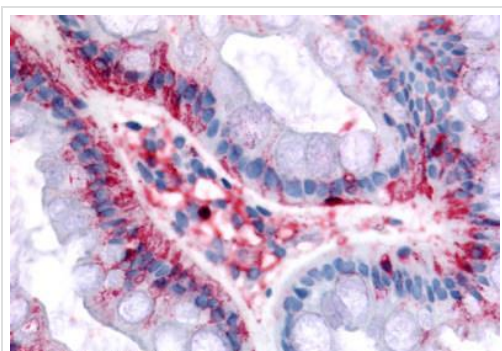
Application	Abreviews	Notes
IHC-P		Use a concentration of 2.5 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Target

Relevance BEST4 (Bestrophin 4) is a member of the bestrophin gene family of anion channels. Bestrophins are transmembrane spanning proteins that share a homology region with a high content of aromatic residues including an invariant arginine (R), phenylalanine (F), and proline (P) motif. BEST4 may form calcium-sensitive chloride channels and may conduct other physiologically significant anions such as bicarbonate.

Cellular localization Cell membrane; Multi-pass membrane protein.

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human colon tissue labeling BEST4 with ab188823 at 2.5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BEST4 antibody (ab188823)

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