

Rabbit VMD2L3 / BEST3 Polyclonal Antibody | anti-VMD2L3 antibody

Rabbit Polyclonal to Human VMD2L3 / BEST3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50923	Rabbit	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Horse (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

VMD2L3 / BEST3; Polyclonal Antibody; Rabbit Polyclonal to Human VMD2L3 / BEST3; Anti-VMD2L3 / BEST3 Antibody (Cytoplasmic Domain) IHC-plus; BEST3; Bestrophin-3; VMD2L3; Bestrophin 3; Human VMD2L3; anti-VMD2L3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Dog, Gorilla, Hamster, Human, Monkey, Mouse, Pig, Rabbit, Rat Predicted Reactivity: Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human BEST3. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except BEST1 (56%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	668
Applicable Applications for anti-VMD2L3 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 18 amino acid peptide from internal cytoplasmic domain of human BEST3. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Dog, Bat, Hamster, Panda, Rabbit, Pig, Opossum (100%)
Immunogen Type	Synthetic peptide
Immunogen	VMD2L3 / BEST3 antibody was raised against synthetic 18 amino acid peptide from internal cytoplasmic domain of human BEST3. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Bovine, Dog, Bat, Hamster, Panda, Rabbit, Pig, Opossum (100%); Horse (94%); Platypus (89%); Elephant (83%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-BEST3 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-BEST3 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-VMD2L3 antibody	VMD2L3, a bestrophin, is an anion channel. The VMD2 gene underlying vitelliform macular dystrophy and the 3 VMD2-like genes, VMD2L1, VMD2L2, and VMD2L3, encode transmembrane (TM) 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.
Product Categories/Family for anti-VMD2L3 antibody	Family: Ion channel; Subfamily: Bestrophin

NCBI AND UNIPROT INFORMATION

NCBI GI #	115527104
NCBI GeneID	144453
NCBI Accession #	NP_116124.2
NCBI GenBank Nucleotide #	NM_032735.2
UniProt Accession #	Q8N1M1; Q53YQ7; Q8N356; Q8NFT9; Q9BR80; B5MDI8; F8VVZ2
Molecular Weight	63,378 Da
NCBI Official Full Name	bestrophin-3 isoform 1
NCBI Official Synonym Full Names	bestrophin 3
NCBI Official Symbol	BEST3
NCBI Official Synonym Symbols	VMD2L3
NCBI Protein Information	bestrophin-3; vitelliform macular dystrophy 2-like 3; vitelliform macular dystrophy 2-like protein 3
UniProt Protein Name	Bestrophin-3
UniProt Gene Name	BEST3
UniProt Synonym Gene Names	VMD2L3
UniProt Entry Name	BEST3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vmd2l3-best3-antibody-immunohistochemistry-elisa/50923>