

Rabbit BEST1 Polyclonal Antibody | anti-BEST1 antibody

BEST1 Polyclonal Antibody

CATALOG # AAA174332	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

BEST1; Polyclonal Antibody; BEST1 Polyclonal Antibody; ARB; BEST 1; BEST; Best disease; Best macular dystrophy; Best1V1Delta2; Bestrophin 1; Bestrophin-1; Bestrophin1; BMD; mBest1; RP50; TU15B; Vitelliform macular dystrophy 2; Vitelliform macular dystrophy; Vitelliform macular dystrophy protein 2; VMD 2; VMD2; anti-BEST1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	604
Applicable Applications for anti-BEST1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human BEST1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



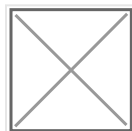
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using BEST1 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using BEST1 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using BEST1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BEST1 antibody	This gene encodes a member of the bestrophin gene family. This small gene family is characterized by proteins with a highly conserved N-terminus with four to six transmembrane domains. Bestrophins may form chloride ion channels or may regulate voltage-gated L-type calcium-ion channels. Bestrophins are generally believed to form calcium-activated chloride-ion channels in epithelial cells but they have also been shown to be highly permeable to bicarbonate ion transport in retinal tissue. Mutations in this gene are responsible for juvenile-onset vitelliform macular dystrophy (VMD2), also known as Best macular dystrophy, in addition to adult-onset vitelliform macular dystrophy (AVMD) and other retinopathies. Alternative splicing results in multiple variants encoding distinct isoforms.
Product Categories/Family for anti-BEST1 antibody	Cancer; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	212720889
NCBI GeneID	7439
NCBI Accession #	NP_001132915.1
NCBI GenBank Nucleotide #	NM_001139443.1
UniProt Accession #	O76090; O75904; Q53YQ9; Q8IUR9; Q8IZ80; A8K0W6; B7Z3J8; B7Z736
Molecular Weight	Calculated: 57kDa; 67kDa; 69kDa Observed: 70kDa; 71kDa
NCBI Official Full Name	bestrophin-1 isoform 2
NCBI Official Synonym Full Names	bestrophin 1
NCBI Official Symbol	BEST1
NCBI Official Synonym Symbols	ARB; BMD; BEST; RP50; VMD2; TU15B; Best1V1Delta2
NCBI Protein Information	bestrophin-1
UniProt Protein Name	Bestrophin-1
UniProt Gene Name	BEST1
UniProt Synonym Gene Names	VMD2

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/best1-antibody-immunohistochemistry-western-blot-elisa/174332>