Rabbit anti-Human, Mouse BEST1 Polyclonal Antibody | anti-BEST1 antibody

BEST1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167719	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

BEST1; Polyclonal Antibody; BEST1 Antibody; ARB; BMD; BEST; RP50; VMD2; TU15B; anti-BEST1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	525
Applicable Applications for anti-BEST1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22027 / sc-292163
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES

IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Rat brain tissue using Bestrophin-1 Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-BEST1 antibody	**Background:** 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	663856513

NCBI GeneID	7439
NCBI Accession #	NP_001287716.1
NCBI GenBank Nucleotide #	NM_001300787.1
Molecular Weight	67kDa
NCBI Official Full Name	bestrophin-1 isoform 4
NCBI Official Synonym Full Names	bestrophin 1
NCBI Official Symbol	BEST1
NCBI Official Synonym Symbols	ARB; BMD; BEST; RP50; VMD2; TU15B
NCBI Protein Information	bestrophin-1; Best disease; Best1V1Delta2; vitelliform macular dystrophy protein 2
UniProt Protein Name	Bestrophin-1
UniProt Gene Name	**BEST1**
UniProt Synonym Gene Names	VMD2
UniProt Entry Name	BEST1_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/best1-antibody-immunohistochemistry-western-blot-elisa/167719