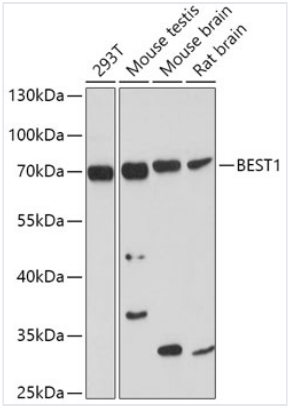
BEST1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BEST1, Polyclonal Antibody
Full Product Name	BEST1 Rabbit Polyclonal Antibody
Product Gene Name	anti-BEST1 antibody
Product Synonym Names	BEST1; ARB; BEST; BMD; RP50; TU15B; VMD2
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	67kDa
Chromosome Location	Chromosome: 11; NC_000011.9 (61717356..61731935). Location: 11q13
OMIM	153700
3D Structure	ModBase 3D Structure for O76090
Immunogen	A synthetic peptide of human BEST1 (NP_004174.1).
Product Categories/Family for anti-BEST1 antibody	Primary Antibody
Applications Tested/Suitable for anti-BEST1 antibody	Western Blot (WB)
Application Notes for anti-BEST1 antibody	WB: 1:500-1:2000
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.
Other Notes	Small volumes of anti-BEST1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BEST1 purchase	MBS9465801 is an antibody targeting BEST1. Also known as BEST1 Rabbit Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-BEST1 antibody
Western blot analysis of extracts of various cell lines, using BEST1 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BEST1. It may not necessarily be applicable to this product.

NCBI GI #	212720889
NCBI GeneID	7439
NCBI Accession #	NP_001132915.1
UniProt Primary Accession #	O76090
UniProt Secondary Accession #	O75904; Q53YQ9; Q8IUR9; Q8IZ80; A8K0W6; B7Z3J8; B7Z736
UniProt Related Accession #	O76090
GenBank Nucleotide #	NM_001139443.1
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
UniProt Protein Name	Bestrophin-1
UniProt Synonym Protein Names	TU15B; Vitelliform macular dystrophy protein 2
Protein Family	Bestrophin
UniProt Gene Name	BEST1
UniProt Synonym Gene Names	VMD2
UniProt Entry Name	BEST1_HUMAN
NCBI Protein Information	bestrophin-1; Best disease; Best1V1Delta2; vitelliform macular dystrophy protein 2
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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