

Bestrophin-1 (BEST1) Antibody

Catalogue No.:abx004386

BEST1 Antibody is a Rabbit Polyclonal antibody against BEST1. 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.

Target:	Bestrophin-1 (BEST1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the
	end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 376-585 of human BEST1.
lsotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O76090 (<u>UniProt</u> , <u>ExPASy</u>)
Gene Symbol:	BEST1
GenelD:	7439
NCBI Accession:	NP_004174.1
KEGG:	hsa:7439



String:	<u>9606.ENSP00000399709</u>
Molecular Weight:	Calculated MW: 68 kDa Observed MW: 68 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.