

Bestrophin-1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A11212	Rabbit	1 mg/ml	
Applications	WB,IHC		
Reactivity	Human,Rat,Mouse		
Dilution	WB: 1:500 - 1:2000. IHC: 1:100 - 1:300. ELISA: 1:40000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	The antibody detects endogenous Bestrophin-1 protein		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	Synthetic Peptide of Bestrophin-1		
Uniprot No	O76090		
Alternative names	Bestrophin-1 (TU15B) (Vitelliform macular dystrophy protein 2)		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	bestrophin 1(BEST1) Homo sapiens 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.[provided by RefSeq, Nov 2008],		
Other	BEST1, Bestrophin-1 (TU15B) (Vitelliform macular dystrophy protein 2)		
Product Images:			

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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