



## Bestrophin-1 Polyclonal Antibody

Cat No: HR1AP9402

For research use only

### Overview

Product Name	Bestrophin-1 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	67kDa
GenID?Human?	BEST1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Bestrophin-1 (TU15B) (Vitelliform macular dystrophy protein 2)
Background	bestrophin 1(BEST1) <i>Homo sapiens</i> 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],