BEST1 Rabbit Polyclonal Antibody

CAB3022

Product Information

Product SKU:	CAB3022	**Gene ID**:	7439	**Size**:	20uL, 100uL
Clone No:	-	**Host Species:**	Rabbit	**Reactivity**:	Human,Mouse,Rat

Additional Information

Observed MW:	70kDa	**Conjugate:**	Unconjugated
Calculated MW:	68kDa	**Isotype:**	IgG

Immunogen Information

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.

Recommended Dilution: WB,1:500 - 1:2000

Synonyms: ARB; BMD; BEST; RP50; VMD2; TU15B; Best1V1Delta2; BEST1

Purifcation Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 171-270 of human BEST1 (NP_004174.1).

Storage: Store at -20℃. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

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