## **BEST1 Rabbit Polyclonal Antibody**

## CAB5735



Product Information Size: 20uL, 50uL, 100uL, 200uL	<b>Protein Background</b> 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		
		Observed MW:	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
		68kDa	bicarbonate ion transport in retinal tissue. Mutations in this gene are responsible for juvenile-
Calculated MW:	to adult-onset vitelliform macular dystrophy (VMD2), also KNOWN as best macular dystrophy, in adulton		
57kDa/67kDa/69kDa	splicing results in multiple variants encoding distinct isoforms.		
Applications:	Immunogen information		
WB	Gene ID:		
Reactivity:	1455		
Human, Mouse	Uniprot O76090		
Antibody Information	<b>Synonyms:</b> BEST1: ARB: BEST: BMD: RP50: TU15B: VMD2		
Recommended dilutions: WB 1:500 - 1:2000			
Source:	Immunogen:		
Rabbit	Recombinant fusion protein containing a sequence corresponding to amino acids 376-585 of human BEST1 (NP_004174.1).		
lsotype:			
lgG	Storage:		
	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.		

Affinity purification



Western blot analysis of extracts of various cell lines, using BEST1 antibody (CAB5735) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.