

Bestrophin 3 Polyclonal Antibody

Catalog NumberPA5-33366

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	Dilution *5-7.5 µg/mL
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Synthetic 18 amino acid peptide from near C-terminus of human BEST3.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%) Marmoset, Mouse, Rat, Hamster (89%) Monkey, Bat (83%).

Background/Target Information

BEST3 belongs to the bestrophin family of anion channels, which includes BEST1, the gene mutant in vitelliform macular dystrophy (VMD), and 2 other BEST1-like genes, BEST2 and BEST4. Bestrophins are transmembrane (TM) proteins that share a homology region containing a high content of aromatic residues, including an invariant arg-phe-pro (RFP) motif. The bestrophin genes share a conserved gene structure, with almost identical sizes of the 8 RFP-TM domain-encoding exons and highly conserved exon-intron boundaries. Each of the 4 bestrophin genes has a unique 3-prime end of variable length.

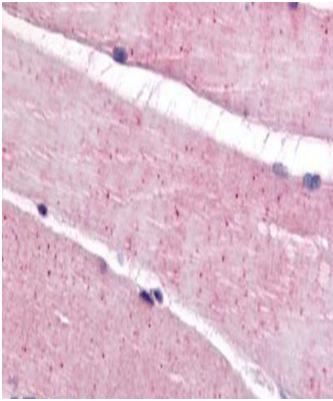
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Product Images For Bestrophin 3 Polyclonal Antibody



Bestrophin 3 Antibody (PA5-33366) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded human skeletal muscle using a VMD2L3/BEST3 polyclonal antibody (Product # PA5-33366). Heat-induced antigen retrieval was performed prior to staining.

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