antibodies -online.com







anti-Bestrophin 1 antibody (AA 200-300)



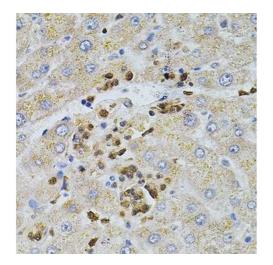


Overview

Overview	
Quantity:	100 μg
Target:	Bestrophin 1 (BEST1)
Binding Specificity:	AA 200-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human BEST1 (NP_004174.1).
Sequence:	RIRDPILLQS LLNEMNTLRT QCGHLYAYDW ISIPLVYTQV VTVAVYSFFL TCLVGRQFLN PAKAYPGHEL DLVVPVFTFL QFFFYVGWLK VAEQLINPFG E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification
Target Details	
Target:	Bestrophin 1 (BEST1)

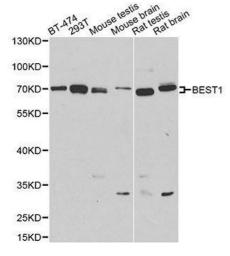
Target Details

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Alternative Name:	BEST1 (BEST1 Products)
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-io
	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.,BEST1,ARB,BEST,BMD,RP50,TU15B,VMD2,Cell Biology & Developmental Biology,Cell
	Adhesion, Neuroscience, BEST1
Molecular Weight:	57 kDa/67 kDa/69 kDa
Gene ID:	7439
UniProt:	076090
Application Details	
Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only
Handling	
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



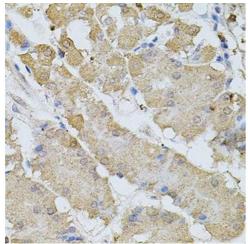
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded human liver injury using BEST1 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using BEST1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human stomach using BEST1 antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN1678855.