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## anti-Bestrophin 2 antibody (C-Term)





Overview	
Quantity:	400 μL
Target:	Bestrophin 2 (BEST2)
Binding Specificity:	AA 374-403, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bestrophin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This BEST2 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 374-403 amino acids from the C-terminal region of human BEST2.
Clone:	RB24342
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Bestrophin 2 (BEST2)
Alternative Name:	BEST2 (BEST2 Products)
Background:	BEST2 is a member of the bestrophin gene family of anion channels. Bestrophin genes share a

#### **Target Details**

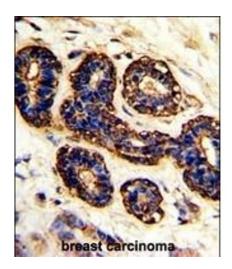
	similar gene structure with highly conserved exon-intron boundaries, but with distinct 3' ends.  Bestrophins are transmembrane proteins that contain a homologous region rich in aromatic residues, including an invariant arg-phe-pro motif.
Molecular Weight:	57139
Gene ID:	54831
NCBI Accession:	NP_060152
UniProt:	Q8NFU1

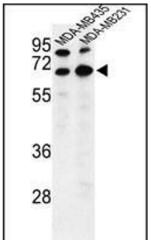
## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human breast carcinoma with BEST2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

#### **Western Blotting**

**Image 2.** Western blot analysis of BEST2 Antibody (C-term) (ABIN653193 and ABIN2842742) in MDA-M,MDA-M cell line lysates (35  $\mu$ g/lane).BEST2 (arrow) was detected using the purified Pab.