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Datasheet for ABIN2784052

## anti-Bestrophin 3 antibody (N-Term)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	Bestrophin 3 (BEST3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Rat, Rabbit, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bestrophin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human BEST3
Sequence:	PLVYTQVAEQ LINPFGEDDD DFETNWCIDR NLQVSLLAVD EMHMSLPKMK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against BEST3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	Bestrophin 3 (BEST3)
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## Target Details

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Alternative Name:	BEST3 ( <a href="#">BEST3 Products</a> )
Background:	BEST3 belongs to the bestrophin family of anion channels, which includes BEST1 (MIM 607854), the gene mutant in vitelliform macular dystrophy (VMD, MIM 153700), and 2 other BEST1-like genes, BEST2 (MIM 607335) and BEST4 (MIM 607336). Bestrophins are trans Alias Symbols: MGC13168, MGC40411, VMD2L3 Protein Size: 455
Molecular Weight:	51 kDa
Gene ID:	144453
NCBI Accession:	<a href="#">NM_152439</a> , <a href="#">NP_689652</a>
UniProt:	<a href="#">B5MDI8</a>

## Application Details

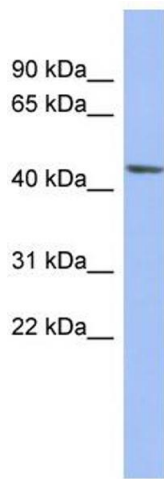
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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 455 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

**Image 1.** WB Suggested Anti-BEST3 Antibody Titration:  
0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human  
Muscle