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Datasheet for ABIN2776288

anti-Bestrophin 4 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	Bestrophin 4 (BEST4)
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Cow, Rabbit, Guinea Pig, Mouse, Horse, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bestrophin 4 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 VMD2L2
Sequence:	MTVSYTLKVA EARFGGFSGL LLRWGRSIIK LLYKEFLFLFG ALYAVLSITY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 79%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against VMD2L2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Bestrophin 4 (BEST4)
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Target Details

Alternative Name:	VMD2L2 (BEST4 Products)
Background:	<p>VMD2L2 is 1 of 3 VMD2-like genes which encode transmembrane spanning proteins that share a homology region with a high content of aromatic residues including an invariant arginine (R), phenylalanine (F), and proline (P) motif.</p> <p>Alias Symbols: VMD2L2</p> <p>Protein Interaction Partner: Dlg4,</p> <p>Protein Size: 473</p>
Molecular Weight:	52 kDa
Gene ID:	266675
NCBI Accession:	NM_153274 , NP_695006
UniProt:	Q8NFU0

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 473 AA
Restrictions:	For Research Use only

Handling

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.

Publications

Product cited in: Tilley, Harvey, Heguy, Hackett, Wang, OConnor, Crystal: "Down-regulation of the notch pathway in human airway epithelium in association with smoking and chronic obstructive pulmonary disease." in: **American journal of respiratory and critical care medicine**, Vol. 179, Issue 6, pp. 457-66, (2009) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-VMD2L2 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: HepG2 cell lysate