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Datasheet for ABIN6991787
anti-SHROOM3 antibody (AA 850-900)

Overview

Quantity:	0.1 mg
Target:	SHROOM3
Binding Specificity:	AA 850-900
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHROOM3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Rabbit polyclonal SHROOM3 antibody was raised against an 18 amino acid peptide near the center of human SHROOM3. The immunogen is located within amino acids 850 - 900 of SHROOM3.
Isotype:	IgG
Specificity:	SHROOM3 antibody is human specific. At least four isoforms of SHROOM3 are known to exist, this antibody will detect all four isoforms. SHROOM3 antibody is predicted to not cross-react with other SHROOM family members.
Purification:	SHROOM3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SHROOM3
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Target Details

Alternative Name:	SHROOM3 (SHROOM3 Products)
Background:	SHROOM3 Antibody: SHROOM family members play diverse roles in the development of the nervous system and other tissues. SHROOM3 is an actin-binding protein is a regulator of the microtubule cytoskeleton during epithelial morphogenesis and is sufficient and necessary to induce a redistribution of the microtubule regulator gamma-tubulin. It is necessary for both apiscobasal cell elongation and apical constriction in the neural epithelium. SHROOM3 has also been shown to be essential for cell shape changes and morphogenesis in the developing vertebrate gut, with its transcription relying on the Pitx1 transcription factor.
Molecular Weight:	220 kDa
Gene ID:	57619
NCBI Accession:	NP_065910
UniProt:	Q8TF72
Pathways:	Tube Formation, Asymmetric Protein Localization

Application Details

Application Notes:	SHROOM3 antibody can be used for detection of SHROOM3 by Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SHROOM3 Antibody is supplied in PBS containing 0.02 % 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:	-20 °C, 4 °C
Storage Comment:	SHROOM3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.