

Datasheet for ABIN6991786
anti-SHROOM1 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	SHROOM1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHROOM1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Rabbit polyclonal SHROOM1 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human SHROOM1. The immunogen is located within the last 50 amino acids of SHROOM1.
Isotype:	IgG
Specificity:	SHROOM1 antibody is human, mouse and rat reactive. At least three isoforms of SHROOM1 are known to exist, this antibody will detect only the two largest isoforms. SHROOM1 antibody is predicted to not cross-react with other SHROOM family members.
Purification:	SHROOM1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SHROOM1
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Target Details

Alternative Name:	SHROOM1 (SHROOM1 Products)
Background:	SHROOM1 Antibody: SHROOM family members play diverse roles in the development of the nervous system and other tissues. SHROOM1 is a PDZ domain-containing actin-binding protein that is required for neural tube morphogenesis. It facilitates neurulation by regulating the morphology of neuroepithelial cells via the apical positioning of an actomyosin network in the neuroepithelium. SHROOM1 is also expressed in pulmonary arterial smooth muscle cells and its expression is significantly decreased in mouse and human models of pulmonary arterial hypertension, suggesting that there may be a link between SHROOM1 expression and pulmonary arterial hypertension.
Molecular Weight:	94 kDa
Gene ID:	134549
NCBI Accession:	NP_001166171
UniProt:	Q2M3G4

Application Details

Application Notes:	SHROOM1 antibody can be used for detection of SHROOM1 by Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SHROOM1 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:	SHROOM1 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.