

Datasheet for ABIN6991647 **anti-B9D1 antibody (C-Term)**



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Overview

Quantity:	0.1 mg
Target:	B9D1
Binding Specificity:	AA 130-180, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B9D1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	B9D1 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human B9D1. The immunogen is located within amino acids 130 - 180 of B9D1.
Isotype:	IgG
Specificity:	At least two isoforms of B9D1 are known to exist, this antibody will only recognize the longest isoform. B9D1 antibody is predicted to not cross-react with other DNAJC family members.
Purification:	B9D1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	B9D1
Alternative Name:	B9D1 (B9D1 Products)

Target Details

Background:	B9D1 Antibody: Meckel syndrome (MKS) is an embryonic lethal, autosomal recessive disorder characterized by polycystic kidney disease, central nervous system defects, polydactyly and liver fibrosis. B9D1 is a B9 domain-containing protein, one of several that are involved in ciliogenesis. Alterations in expression of this gene have been found in a family with Meckel syndrome. B9D1, and its related protein B9D2, form a complex with MKS1, disruption of which causes MKS. B9D1 is thought to be required for normal hedgehog signaling, ciliogenesis, and ciliary protein localization.
Gene ID:	27077
NCBI Accession:	NP_056496
UniProt:	Q9UPM9

Application Details

Application Notes:	<p>B9D1 antibody can be used for detection of B9D1 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.</p> <p>Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	B9D1 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:	B9D1 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.