

Rabbit anti-Human B9D1 Polyclonal Antibody | anti-B9D1 antibody

B9D1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40244	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

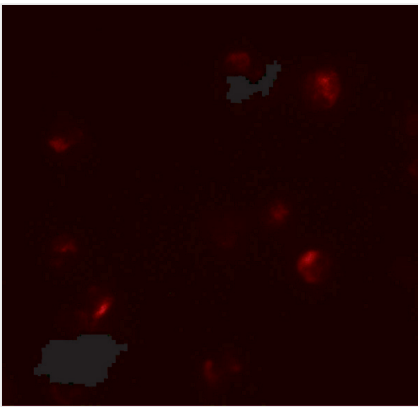
PRODUCT SYNONYMS

B9D1; Polyclonal Antibody; B9D1 Antibody; B9; MKS9; EPPB9; MKSR1; B9 domain-containing protein 1; MKS1-related protein 1; B9 protein domain 1; anti-B9D1 antibody

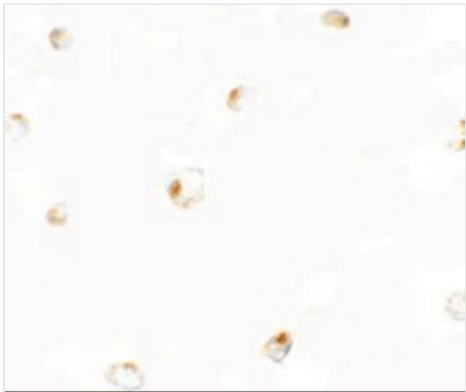
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
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.
Purity/Purification	B9D1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	257
Applicable Applications for anti-B9D1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	B9D1 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human B9D1.
Buffer	B9D1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	B9D1 antibody can be stored at 4 degree C for three months and -20 degree 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.

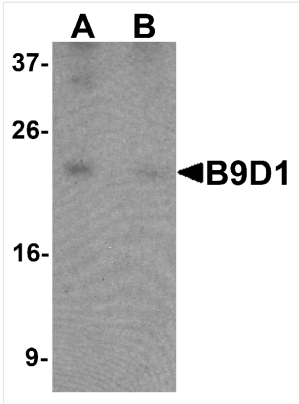
IMAGES



IF (Immunofluorescence)
Immunofluorescence of B9D1 in 293 cells with B9D1 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of B9D1 in 293 cells with B9D1 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of B9D1 in 293 cell lysate with B9D1 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-B9D1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	343478275
NCBI GeneID	27077
NCBI Accession #	NP_056496
NCBI GenBank Nucleotide #	NM_001243473.1
UniProt Accession #	Q9UPM9; Q9BU22
Molecular Weight	16,919 Da
NCBI Official Full Name	B9 domain-containing protein 1 isoform a
NCBI Official Synonym Full Names	B9 protein domain 1
NCBI Official Symbol	B9D1

NCBI Official Synonym Symbols	B9; MKS9; EPPB9; MKSR1
NCBI Protein Information	B9 domain-containing protein 1; MKS1-related protein 1; endothelial precursor protein B9
UniProt Protein Name	B9 domain-containing protein 1
UniProt Gene Name	B9D1
UniProt Synonym Gene Names	MKSR1
UniProt Entry Name	B9D1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/b9d1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40244>