

Datasheet for ABIN1450121
anti-B9D1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	B9D1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B9D1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid synthetic peptide near the carboxy terminus of Human B9D1
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	B9D1
Alternative Name:	B9D1 (B9D1 Products)
Background:	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

Target Details

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 .Synonyms: B9 domain-containing protein 1, EPPB9

Gene ID: 27077

NCBI Accession: [NP_056496](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

Preservative: Sodium azide

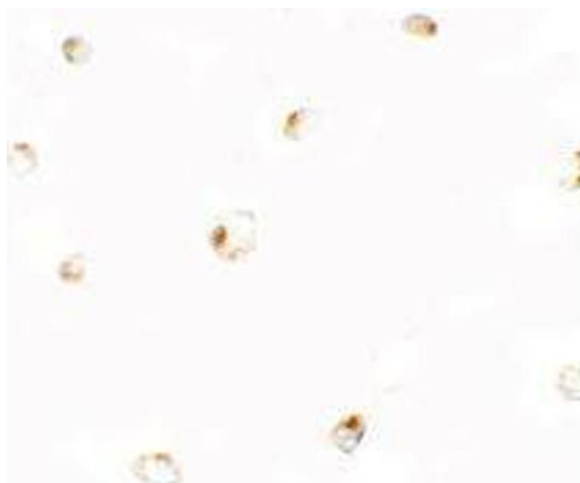
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

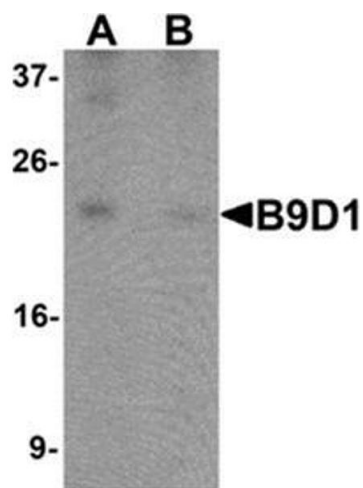
Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Immunofluorescence

Image 1. Immunocytochemistry of B9D1 in 293 cells with B9D1 antibody at 5 ug/mL.



Western Blotting

Image 2. 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.