

A7973

Leader in Biomolecular Solutions for Life Science



B9D1 Rabbit pAb

Catalog No.: A7973

Basic Information

Observed MW

23kDa

Calculated MW

23kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes 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. Meckel syndrome has been associated with at least six different genes. This gene is located within the Smith-Magenis syndrome region on chromosome 17.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

27077

Swiss Prot

Q9UPM9

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

B9; MKS9; EPPB9; MKSR1; JBTS27; MKSR-1; B9D1

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

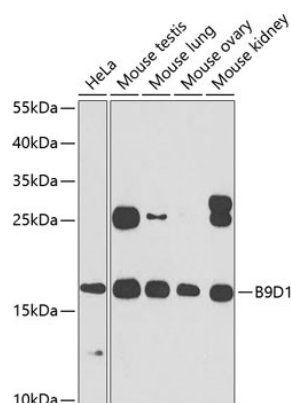
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Contact

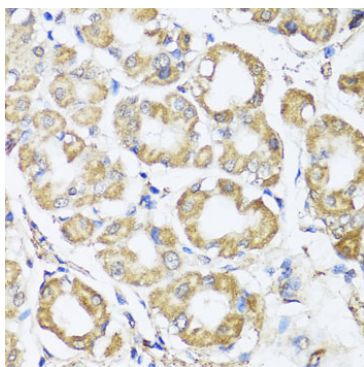


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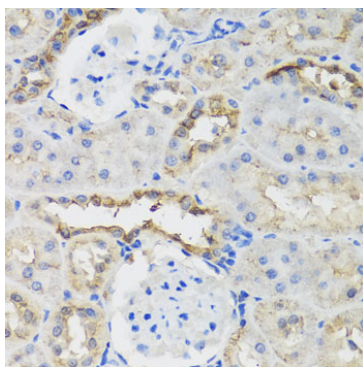
Validation Data



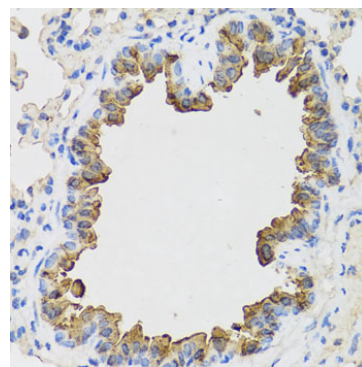
Western blot analysis of various lysates using B9D1 Rabbit pAb (A7973) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 90s.



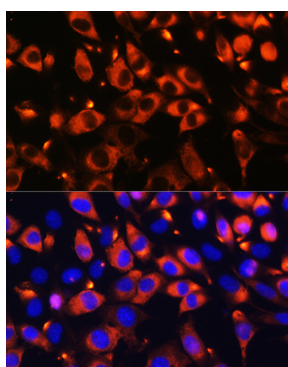
Immunohistochemistry analysis of paraffin-embedded Human stomach using B9D1 Rabbit pAb (A7973) at dilution of 1:100 (40x lens).
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



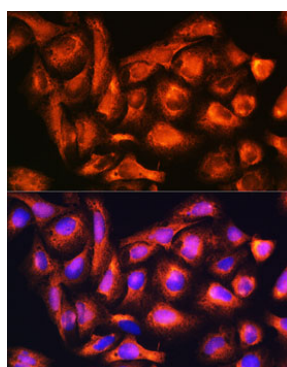
Immunohistochemistry analysis of paraffin-embedded Rat kidney using B9D1 Rabbit pAb (A7973) at dilution of 1:100 (40x lens).
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using B9D1 Rabbit pAb (A7973) at dilution of 1:100 (40x lens).
 Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of L929 cells using B9D1 Rabbit pAb (A7973) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using B9D1 Rabbit pAb (A7973) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.