

PCDH15 Rabbit pAb

Catalog No.: A10086

Basic Information

Observed MW

100kDa

Calculated MW

216kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

This gene is a member of the cadherin superfamily. Family members encode integral membrane proteins that mediate calcium-dependent cell-cell adhesion. It plays an essential role in maintenance of normal retinal and cochlear function. Mutations in this gene result in hearing loss and Usher Syndrome Type IF (USH1F). Extensive alternative splicing resulting in multiple isoforms has been observed in the mouse ortholog. Similar alternatively spliced transcripts are inferred to occur in human, and additional variants are likely to occur.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:100 - 1:200

Immunogen Information

Gene ID

65217

Swiss Prot

Q96QU1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 160-400 of human PCDH15 (NP_001136235.1).

Synonyms

USH1F; CDHR15; DFNB23; PCDH15

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

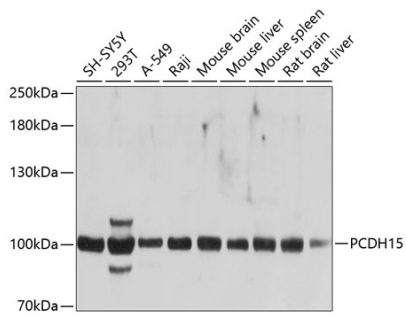
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of extracts of various cell lines, using PCDH15 antibody (A10086) at 1:1000 dilution.
Secondary antibody: HRP 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: 5s.