

PCDH15 polyclonal antibody

Catalog: BS70775

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

PCDH15 (protocadherin 15), also known as USH1F or DFNB23, is a 1,955 amino acid single-pass type I membrane protein that contains 11 cadherin domains and exists as multiple alternatively spliced isoforms. Expressed in testis, brain, lung, kidney and spleen, PCDH15 functions as a calcium-dependent cell-adhesion protein that is crucial for the maintenance of normal cochlear and retinal function. Defects in the gene encoding PCDH15 are associated with Usher syndrome type 1F (USH1F), Usher syndrome type 1D/F (USH1DF) and non-syndromic sensorineural deafness autosomal recessive type 23 (DFNB23), all of which are associated with deafness. Multiple isoforms of PCDH15 exist due to alternative splicing events.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Molecular Weight:

~ 216 kDa

Swiss-Prot:

Q96QU1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

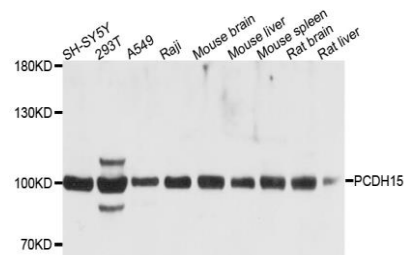
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PCDH15 polyclonal antibody detects endogenous levels of PCDH15 protein.

DATA:



Western blot analysis of extracts of various cells, using PCDH15 antibody.

Note:

For research use only, not for use in diagnostic procedure.

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