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## Datasheet for ABIN7118101 anti-PCDH15 antibody

### Overview

Quantity:	100 µg
Target:	PCDH15
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDH15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	PCDH15
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	PCDH15
Alternative Name:	PCDH15 ( <a href="#">PCDH15 Products</a> )
Background:	Synonyms:CDHR15, DFNB23, USH1F, PCD15 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

## Target Details

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.

Molecular Weight: 100kDa

Gene ID: 65217

UniProt: [Q96QU1](#)

Pathways: [Sensory Perception of Sound](#)

## Application Details

Application Notes: WB: 1:500 - 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months