

Datasheet for ABIN7435715
anti-PCDH15 antibody (AA 45-270)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	PCDH15
Binding Specificity:	AA 45-270
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDH15 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Protocadherin 15 (PCDH15)
Immunogen:	Recombinant Protocadherin 15 (PCDH15) corresponding to Pro45~Phe270
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PCDH15. It has been selected for its ability to recognize PCDH15 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

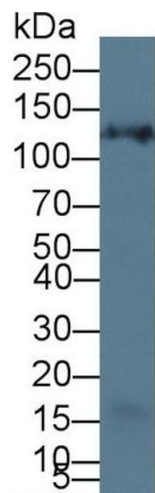
Target:	PCDH15
Alternative Name:	Protocadherin 15 (PCDH15 Products)
Background:	USH1F, DFNB23, CDHR15, Deafness, Autosomal Recessive 23, Cadherin-Related Family Member 15
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:270-1000 Immunohistochemistry: 5-20 µg/mL 1:27-100 Immunocytochemistry: 5-20 µg/mL 1:27-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

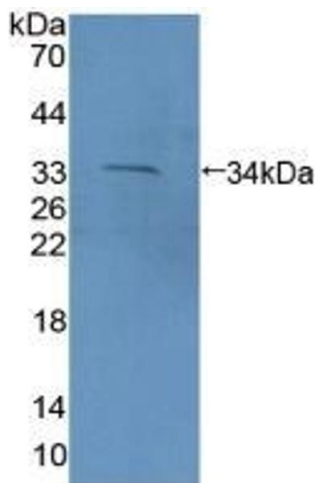
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



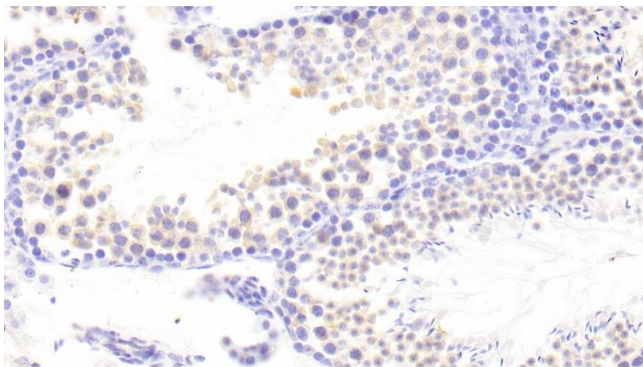
Western Blotting

Image 1. Detection of PCDH15 in Mouse Cerebrum lysate using Polyclonal Antibody to Protocadherin 15 (PCDH15)



Western Blotting

Image 2. Detection of Recombinant PCDH15, Mouse using Polyclonal Antibody to Protocadherin 15 (PCDH15)



Immunohistochemistry

Image 3. Detection of PCDH15 in Mouse Testis Tissue using Polyclonal Antibody to Protocadherin 15 (PCDH15)