Product Name: **Cadherin-7 Rabbit Polyclonal Antibody**
Catalog #: **APRab07835**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	87kDa

Antigen Information

Gene Name	CDH7
Alternative Names	CDH7; CDH7L1; Cadherin-7
Gene ID	1005.0
SwissProt ID	Q9ULB5
Immunogen	The antiserum was produced against synthesized peptide derived from human CDH7. AA range:651-700

Background

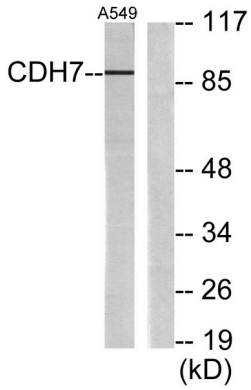
This gene encodes a type II classical cadherin of the cadherin superfamily. Alternative splicing results in multiple transcript

variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium dependent cell-cell adhesion molecule is comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a histidine-alanine-valine (HAV) cell adhesion recognition sequence specific to type I cadherins. Cadherins mediate cell-cell binding in a homophilic manner, contributing to the sorting of heterogeneous cell types. Mutations in this gene may be associated with bipolar disease in human patients. This gene is present in a gene cluster on chromosome 18. [provided by RefSeq, May 2016],function:Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.,similarity:Contains 5 cadherin domains.,

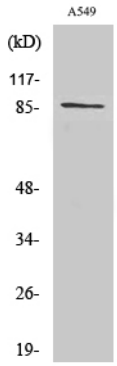
Research Area

Adherens_Junction

Image Data



Western blot analysis of lysates from A549 cells, using CDH7 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Cadherin-7 Polyclonal Antibody diluted at 1： 1000