

Datasheet for ABIN5532878
anti-Cadherin 13 antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	Cadherin 13 (CDH13)
Binding Specificity:	AA 146-174, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cadherin 13 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This H Cadherin (CDH13) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 146-174 amino acids from the N-terminal region of human H Cadherin (CDH13).
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Cadherin 13 (CDH13)
Alternative Name:	H Cadherin (CDH13 Products)
Background:	CDH13 is a member of the cadherin superfamily. This protein is a calcium dependent cell-cell

Target Details

adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region but, unlike the typical cadherin superfamily member, lacks the highly conserved cytoplasmic region. This particular cadherin is a putative mediator of cell-cell interaction in the heart and may act as a negative regulator of neural cell growth.

Molecular Weight: 78 kDa

Gene ID: 1012

UniProt: [P55290](#)

Pathways: [EGFR Signaling Pathway](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:50~100

For FACS starting dilution is: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

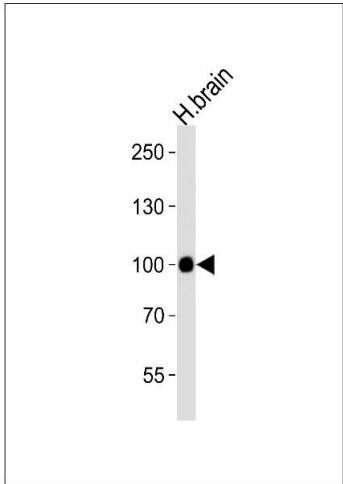
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

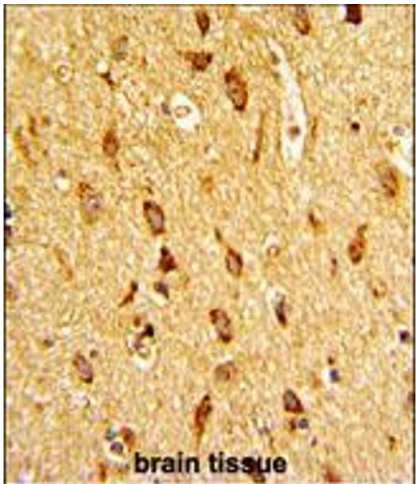
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



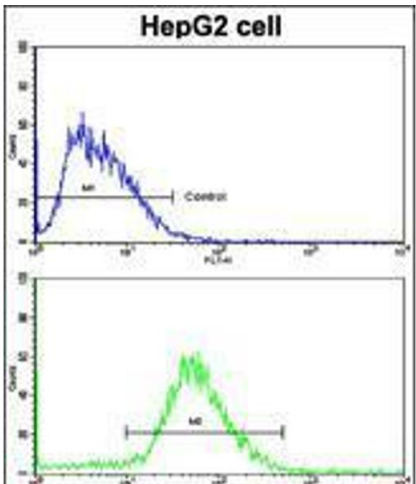
Western Blotting

Image 1. Western blot analysis of lysate from human brain tissue lysate, using CDH13 Antibody at 1:1000 at each lane.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin-embedded human brain tissue with H Cadherin (CDH13) Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Flow Cytometry

Image 3. Flow cytometric analysis of HepG2 cells using H Cadherin (CDH13) Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.