

Rabbit N Cadherin Polyclonal Antibody | anti-CDH2 antibody

Anti-N Cadherin antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45164	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

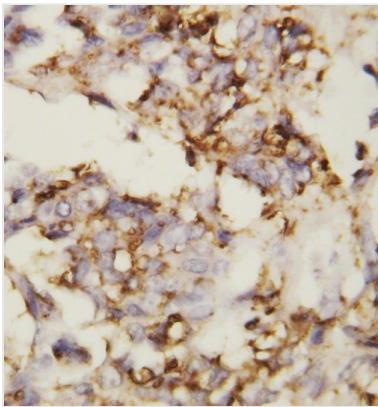
PRODUCT SYNONYMS

N Cadherin; Polyclonal Antibody; Anti-N Cadherin antibody; Cadherin-2; cadherin 2; type 1; N-cadherin(neuronal); CADH2_HUMAN antibody; Cadherin 2 antibody; Cadherin 2 N cadherin neuronal antibody; Cadherin 2 type 1 antibody; Cadherin 2 type 1 N cadherin neuronal antibody; cadherin 2 type 1 N-cadherin neuronal antibody; Cadherin 2; N-cadherin(neuronal) antibody; Cadherin-2 antibody; Cadherin2 antibody; Calcium dependent adhesion protein neuronal antibody; CD325 antibody; CD325 antigen antibody; CDH2 antibody; CDHN antibody; CDw325 antibody; CDw325 antigen antibody; N cadherin 1 antibody; N-cadherin antibody; NCAD antibody; Neural Cadherin antibody; OTTHUMP00000066304 antibody; OTTHUMP00000067378 antibody; anti-CDH2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	906
Applicable Applications for anti-CDH2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human N Cadherin (701-714aa CQCDSNGDCTDVDR), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-N Cadherin antibody, AAA45164, IHC(P)IHC(P): Human Ovary Cancer Tissue



WB (Western Blot)
Anti-N Cadherin antibody, AAA45164, Western blottingLane 1: MCF-7 Cell LysateLane 2: HELA Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CDH2 antibody

Description: Rabbit IgG polyclonal antibody for Cadherin-2(CDH2) detection. Tested with WB, IHC-P in Human, Mouse, Rat.

Background: N-cadherin(NCAD) is a member of the cadherin cell-cell adhesion receptor family that includes P-, E-, and R-cadherin and liver cell adhesion molecule(L-CAM). N-Cadherin,, also known as Cadherin-2, encodes a 907-amino acid protein that includes a 159-amino acid signal sequence. Human and mouse nucleotide sequences are 96% identical. Mouse Ncad gene consists of 16 exons dispersed over more than 200 kb of genomic DNA. Human N-cadherin gene contains 16 exons and its sequence is highly similar to both the mouse NCAD gene(including the large first and second introns) and other cadherin genes. N-cadherin is mapped to 18q11.2. Cadherin regulates dendritic spine morphogenesis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116241277
NCBI GeneID	1000
UniProt Accession #	P19022; Q14923; Q8N173; A8MWK3; B0YIY6
Molecular Weight	97,040 Da
NCBI Official Full Name	Cadherin-2
NCBI Official Synonym Full Names	cadherin 2, type 1, N-cadherin (neuronal)
NCBI Official Symbol	CDH2
NCBI Official Synonym Symbols	CDHN; NCAD; CD325; CDw325
NCBI Protein Information	cadherin-2; N-cadherin 1; neural cadherin; neural-cadherin; cadherin 2, N-cadherin (neuronal); calcium-dependent adhesion protein, neuronal
UniProt Protein Name	Cadherin-2
UniProt Gene Name	CDH2
UniProt Synonym Gene Names	CDHN; NCAD; N-cadherin
UniProt Entry Name	CADH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.