

Rabbit anti-Human, Mouse N-Cadherin Polyclonal Antibody | anti-NCAD antibody

N-Cadherin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29917	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

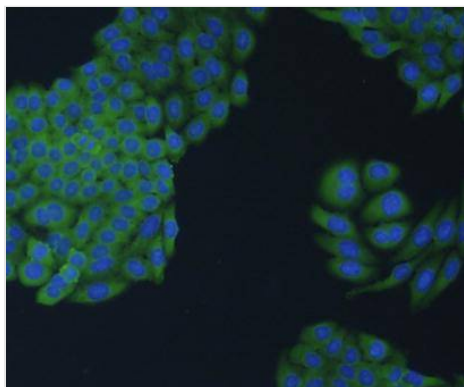
PRODUCT SYNONYMS

N-Cadherin; Polyclonal Antibody; N-Cadherin Antibody; 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 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-NCAD antibody

PRODUCT SPECIFICATIONS

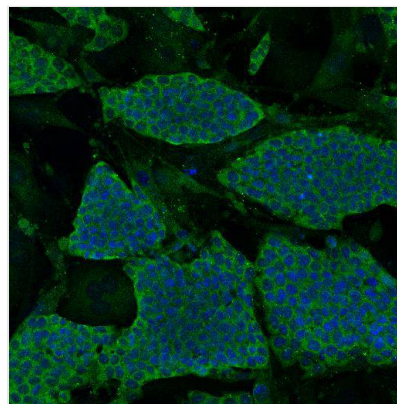
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NCAD antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500 IHC: 1:200 ICC: 1:200 FC/FACS: 1:50
Immunogen	Synthetic peptide (KLH-coupled) within human N-cadherin 360-420 aa.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



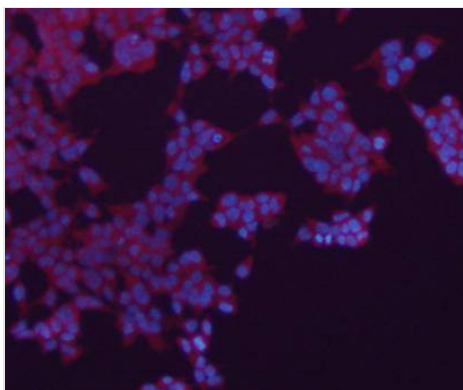
ICC (Immunocytochemistry)

ICC staining N-Cadherin in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



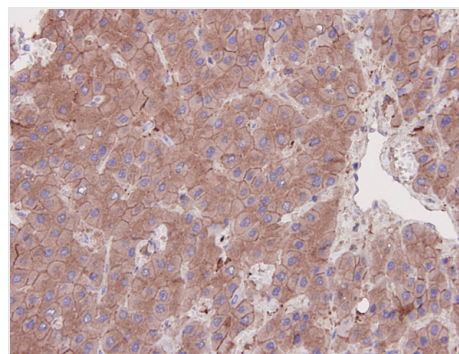
ICC (Immunocytochemistry)

ICC staining N-Cadherin in mouse embryonic stem cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



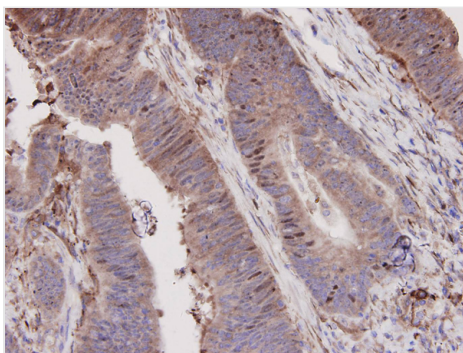
ICC (Immunocytochemistry)

ICC staining N-Cadherin in 293 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



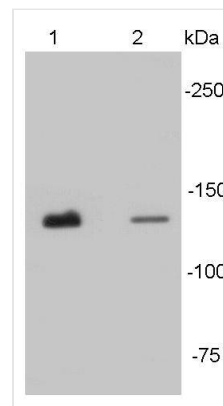
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissue using anti-N-Cadherin antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using anti-N-Cadherin antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of N-cadherin on different tissue lysates using anti-N-cadherin antibody at 1/500 dilution. Positive control: Lane 1: Mouse heart Lane2 : Human heart

ADDITIONAL INFORMATION

Related Product Information for anti-NCAD antibody	The cadherins are a large family of cell adhesion molecules involved in calcium-dependent recognition and adhesion events. The cadherin subfamily includes N-, P-, B-, and E- cadherins, and other members. Recent studies indicate that cancer cells have up-regulated N-cadherin in addition to loss of E-cadherin. N-cadherin cooperates with the FGF receptor, leading to overexpression of MMP-9 and cellular invasion. N-Cadherin is commonly found in cancer cells and provides a mechanism for transendothelial migration. When a cancer cell adheres to the endothelial cells of a blood vessel it up-regulates the src kinase pathway, which phosphorylates beta-catenins attached to both N-cadherin (this protein) and E-cadherins.
Product Categories/Family for anti-NCAD antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589889
NCBI GeneID	1000
NCBI Accession #	NP_001783.2
NCBI GenBank Nucleotide #	NM_001792.3
UniProt Accession #	P19022; Q14923; Q8N173; B0YIY6
Molecular Weight	99,809 Da
NCBI Official Full Name	cadherin-2 preproprotein

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.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/n-cadherin-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29917>