

Rabbit N-Cadherin Polyclonal Antibody | anti-CDH2 antibody

(KO Validated) N-Cadherin Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22314	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunoprecipitation

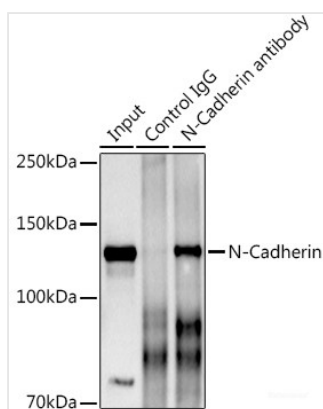
PRODUCT SYNONYMS

N-Cadherin; Polyclonal Antibody; (KO Validated) N-Cadherin Polyclonal Antibody; CDH2; CD325; CDHN; CDw325; NCAD; cadherin-2; anti-CDH2 antibody

PRODUCT SPECIFICATIONS

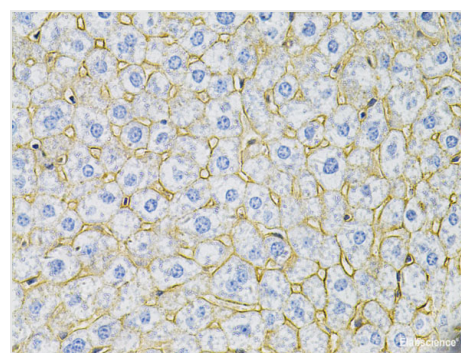
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CDH2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IP: 1:50-1:200
Immunogen	A synthetic peptide of human N-Cadherin
Research Area	Cancer, Signal Transduction, Stem Cells
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



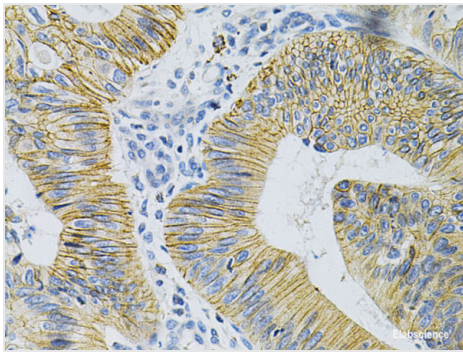
IP (Immunoprecipitation)

Immunoprecipitation analysis of 600ug extracts of Mouse brain using N-Cadherin Polyclonal Antibody. Western blot was performed from the immunoprecipitate using N-Cadherin Polyclonal Antibody at a dilution of 1:1000.



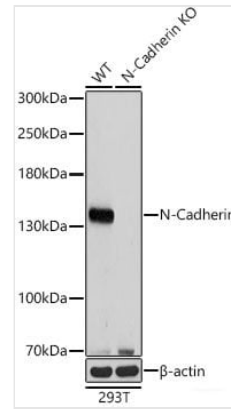
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse liver using N-Cadherin Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



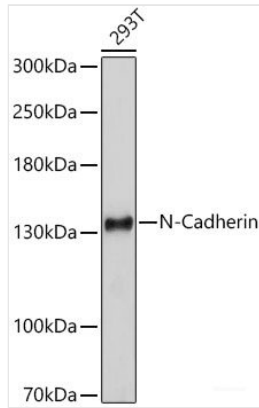
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon carcinoma using N-Cadherin Polyclonal Antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



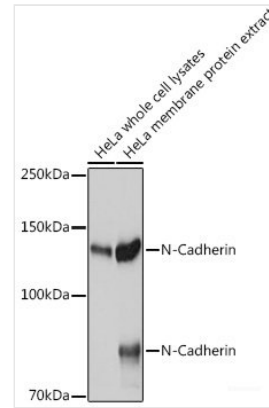
WB (Western Blot)

Western blot analysis of extracts from wild type (WT) and N-Cadherin knockout (KO) HeLa cells using N-Cadherin Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of 293T cells using N-Cadherin Polyclonal Antibody at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells using N-Cadherin Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH2 antibody	This gene encodes a classical cadherin and member of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein is proteolytically processed to generate a calcium-dependent cell adhesion molecule and glycoprotein. This protein plays a role in the establishment of left-right asymmetry, development of the nervous system and the formation of cartilage and bone.
Product Categories/Family for anti-CDH2 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

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-immunohistochemistry-immunoprecipitation-elisa/22314>