

Rabbit CDH20 Polyclonal Antibody | anti-CDH20 antibody

CDH20 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289721	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CDH20; Polyclonal Antibody; CDH20 Antibody (N-term); Cadherin-20; CDH7L3; anti-CDH20 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CDH20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 111-140 amino acids from the N-terminal region of human CDH20.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-CDH20 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Region	111-140
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.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in placenta, adult brain, and fetal brain
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

CDH20 Antibody (N-term) flow cytometric analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

CDH20 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CDH20 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**WB (Western Blot)**

Western blot analysis of CDH20 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). CDH20 (arrow) was detected using the purified Pab.

**WB (Western Blot)**

Western blot analysis of lysates from human brain and mouse brain tissue lysate (from left to right), using CDH20 Antibody (N-term). AAA289721 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH20 antibody	This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein 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 HAV cell adhesion recognition sequence specific to type I cadherins. Since disturbance of intracellular adhesion is a prerequisite for invasion and metastasis of tumor cells, cadherins are considered prime candidates for tumor suppressor genes.
Product Categories/Family for anti-CDH20 antibody	Crown Antibodies ; Signal Transduction
References	Kools, P., et al. Genomics 68(3):283-295(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16306537
NCBI GeneID	28316
NCBI Accession #	NP_114097.2
NCBI GenBank Nucleotide #	NM_031891.2
UniProt Accession #	Q9HBT6 ; Q495S3
Molecular Weight	88993
NCBI Official Full Name	cadherin-20 preproprotein
NCBI Official Synonym Full Names	cadherin 20, type 2
NCBI Official Symbol	CDH20
NCBI Official Synonym Symbols	Cdh7; CDH7L3
NCBI Protein Information	cadherin-20
UniProt Protein Name	Cadherin-20
UniProt Gene Name	CDH20
UniProt Synonym Gene Names	CDH7L3
UniProt Entry Name	CAD20_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/cdh20-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289721>