

Rabbit CDH16 Polyclonal Antibody | anti-CDH16 antibody

CDH16 Polyclonal Antibody

CATALOG # AAA28211	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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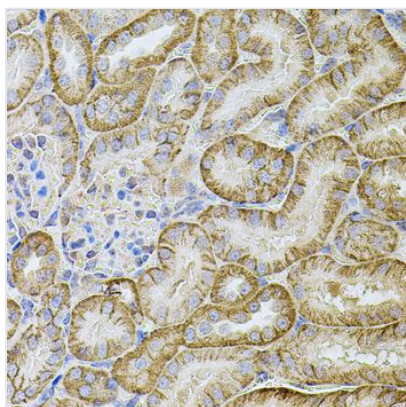
PRODUCT SYNONYMS

CDH16; Polyclonal Antibody; CDH16 Polyclonal Antibody; anti-CDH16 antibody

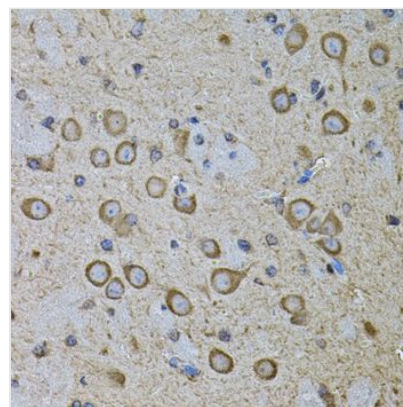
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	807
Applicable Applications for anti-CDH16 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB 1:500 - 1:2000 IHC 1:50 - 1:200
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CDH16
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

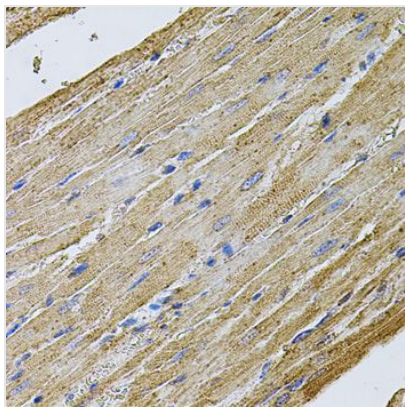
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using CDH16 antibody at dilution of 1:100 (40x lens).

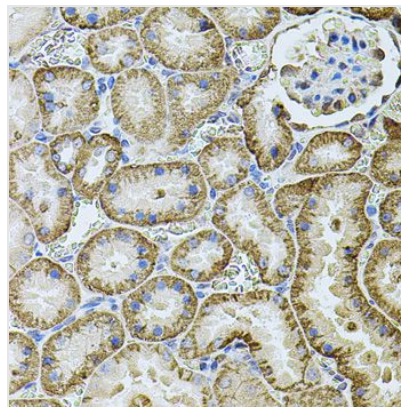

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse brain using CDH16 antibody at dilution of 1:100 (40x lens).



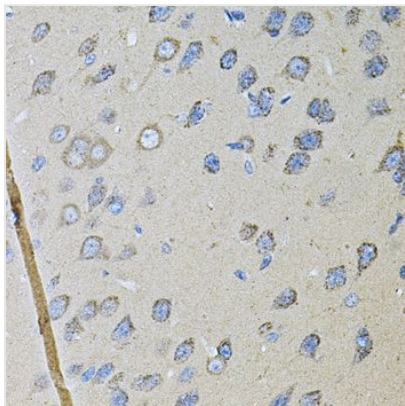
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using CDH16 antibody at dilution of 1:100 (40x lens).



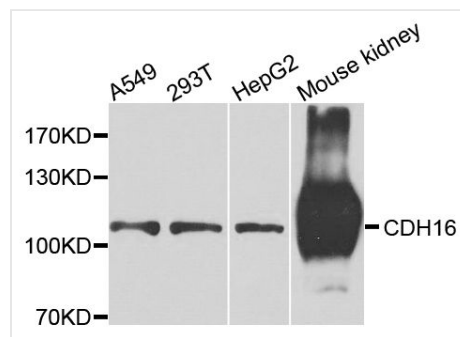
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using CDH16 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using CDH16 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CDH16 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH16 antibody

This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. Mapped to a previously identified cluster of cadherin genes on chromosome 16q22.1, the gene localizes with superfamily members CDH1, CDH3, CDH5, CDH8 and CDH11. The protein consists of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain but lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most classical cadherins. Expression is exclusively in kidney, where the protein functions as the principal mediator of homotypic cellular recognition, playing a role in the morphogenic direction of tissue development. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

NCBI AND UNIPROT INFORMATION

NCBI GI #	325296969
NCBI GeneID	1014
NCBI Accession #	NP_001191673.1
NCBI GenBank Nucleotide #	NM_001204744.1
UniProt Accession #	O75309 ; Q6UW93 ; B4DPA8 ; H3BPD3
Molecular Weight	90kDa
NCBI Official Full Name	cadherin-16 isoform 2
NCBI Official Synonym Full Names	cadherin 16, KSP-cadherin

NCBI Official Symbol	CDH16
NCBI Protein Information	cadherin-16
UniProt Protein Name	Cadherin-16
UniProt Gene Name	CDH16
UniProt Synonym Gene Names	Ksp-cadherin
UniProt Entry Name	CAD16_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/cdh16-antibody-western-blot-immunohistochemistry-elisa/28211>