

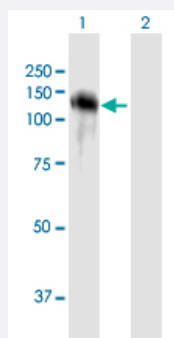
MaxPab®

CDH16 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001014-B01P

Size 50 ug

Applications

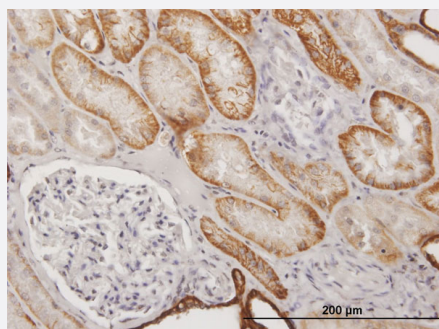


Western Blot (Transfected lysate)

Western Blot analysis of CDH16 expression in transfected 293T cell line ([H00001014-T01](#)) by CDH16 MaxPab polyclonal antibody.

Lane 1: CDH16 transfected lysate(91.19 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to CDH16 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CDH16 protein.

Immunogen

CDH16 (NP_004053.1, 1 a.a. ~ 829 a.a) full-length human protein.

Sequence	MVPAWLWLLCVSVPQALPKAQPAELSVVEVPENYGGNFPLYLTKLPLPREGAEGQMLSGDSGKA TEGPFAMDPDSGFLLVTRALDREEQAEYQLQVTLEMQDGHVLWGPQPVLVHVKDENDQVPHFS QAIYRARLSRGTRPGIPFLFLEASDRDEPGTANSDLRFHILSQAPAQPSDFMQLEPRLGALALSP KGSTSLDHALERTYQLLVQVKMDGDQASGHQATATVEVSIIESTWVSLEPIHLAENLKVLYPHHMA QVHWSGGDVHYHLESHPPGPFVNAEGNLYVTRELDREAQAEYLLQVRAQNSHGEDIAAPLEL HVLVMDENDNVPICPPRDPTVSIPELSPPGTEVTRLAEDADAPGSPNSHVYQLLSPEPEDGV EGRAFQVDPTSGSVTLGVLPLRAGQNILLVLAMDLAGAEGGSSTCEVEVAVTDINDHAPEFITS QIGPISLPEDVEPGTLVAMLTADADLEPAFRLMDFAIERGDTGTFGLDWEPSGHVRLRLCKNL SYEAAPSHEVVVVVQSVAKLVGPGPGGATATVTVLVERVMPPPKLDQESYEASVPISAPAGSF LLTIQSPDISRTLRFSLVNDSEGWLCIEKFSGEVHTAQSLQGAQPGDTYTVLVEAQDTDEPRLSA SAPLVIHFLKAPPAPALTLAPVPSQYLCTPRQDHGLVSGPSKDPDLASGHGPYSFTLGPNTVQR DWRLQTLNGSHAYLTLALHWVEPREHIIPVVVSHNAQMWQLLVRVVCRCNVEGQCMRKVGRMK GMPTKLSAVGILVGTVAIGIFLILIFTHWTMSRKDPDQPADSVPLKATV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (77)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — CDH16

Entrez GeneID	1014
GeneBank Accession#	NM_004062.2
Protein Accession#	NP_004053.1
Gene Name	CDH16
Gene Alias	-
Gene Description	cadherin 16, KSP-cadherin
Omim ID	603118
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	KSP-cadherin cadherin 16 kidney-specific cadherin