



Rabbit Anti-MUPCDH antibody

SL19107R

Product Name:	MUPCDH
Chinese Name:	钙粘蛋白相关家庭成员5/ μ -protocadherin抗体
Alias:	Cadherin-related family member 5; Cdhr5; CDHR5_HUMAN; FLJ 20219; FLJ20219; MU-PCDH; Mu-protocadherin; MUCDHL; MUCDHL-ALT; MUCDHL-FL; Mucin and cadherin-like protein; mucin-like protocadherin.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,
Applications:	IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	85kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MUPCDH:161-260/845<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene is a novel mucin-like gene that is a member of the cadherin superfamily. While encoding nonpolymorphic tandem repeats rich in proline, serine and threonine similar to mucin proteins, the gene also contains sequence encoding calcium-binding motifs found in all cadherins. The role of the hybrid extracellular region and the

specific function of this protein have not yet been determined. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jan 2010]

Function:

Acts as a calcium-dependent cell adhesion protein.

Subcellular Location:

Cell membrane.

Tissue Specificity:

Highest expression in kidney, liver, colon and small intestine. In kidney, expressed apically along brush border of proximal convoluted tubule but not in cortical collecting ducts. Isoform 1 is expressed primarily in adult small intestine and colon. Isoform 2 is highly expressed in fetal liver.

Post-translational modifications:

N- and O-glycosylated.

Similarity:

Contains 4 cadherin domains.

SWISS:

Q9HBB8

Gene ID:

53841

Database links:

[Entrez Gene: 53841](#) Human

[Entrez Gene: 101138146](#) Gorilla

[Entrez Gene: 100410617](#) Marmoset (common)

[Entrez Gene: 100461892](#) Orangutan

[Omim: 606839](#) Human

[SwissProt: Q9HBB8](#) Human

[Unigene: 165619](#) Human

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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