

**CDHR5 / MUCDHL Antibody (Cytoplasmic Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11118****Specification**

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**CDHR5 / MUCDHL Antibody (Cytoplasmic Domain) - Product Information**

|                   |                                    |
|-------------------|------------------------------------|
| Application       | IHC                                |
| Primary Accession | <a href="#">Q9HBB8</a>             |
| Reactivity        | Human, Rabbit, Monkey, Pig, Bovine |
| Host              | Rabbit                             |
| Clonality         | Polyclonal                         |
| Calculated MW     | 88kDa KDa                          |

**CDHR5 / MUCDHL Antibody (Cytoplasmic Domain) - Additional Information****Gene ID** 53841**Other Names**

Cadherin-related family member 5, Mu-protocadherin, Mucin and cadherin-like protein, CDHR5, MUCDHL, MUPCDH

**Target/Specificity**

Human CDHR5 / MUPCDH. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

CDHR5 / MUCDHL Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**CDHR5 / MUCDHL Antibody (Cytoplasmic Domain) - Protein Information****Name** CDHR5 ([HGNC:7521](#))**Function**

Intermicrovillar adhesion molecule that forms, via its extracellular domain, calcium-dependent heterophilic complexes with CDHR2 on adjacent microvilli. Thereby, controls the packing of microvilli at the apical membrane of epithelial cells. Through its cytoplasmic domain, interacts with microvillus cytoplasmic proteins to form the intermicrovillar adhesion complex/IMAC. This complex plays a central role in microvilli and epithelial brush border differentiation.

**Cellular Location**

Apical cell membrane; Single-pass type I membrane protein. Cell projection, microvillus membrane; Single-pass type I membrane protein

**Tissue Location**

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 (PubMed:12167596) Expressed in duodenum with higher expression in enterocytes along the villus axis and lower expression in crypts (at protein level) (PubMed:24725409).

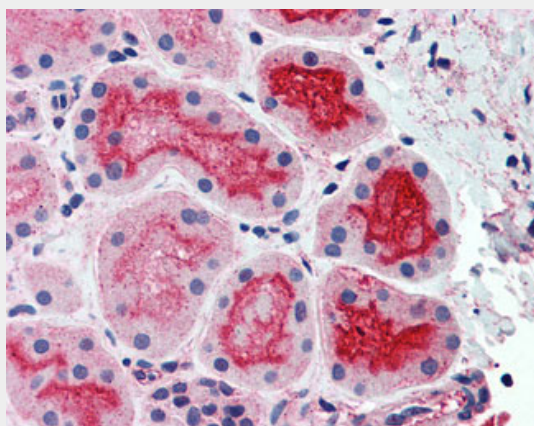
**Volume**

50 µl

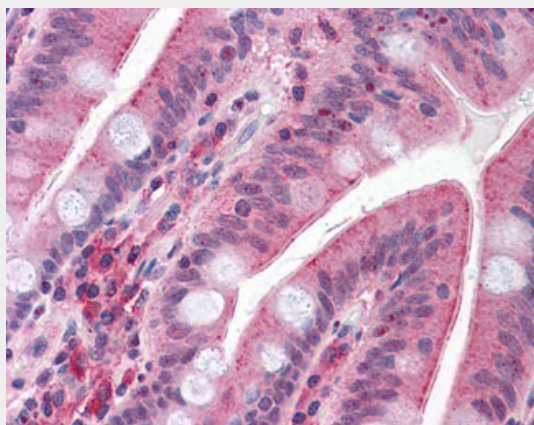
**CDHR5 / MUCDHL Antibody (Cytoplasmic Domain) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CDHR5 / MUCDHL Antibody (Cytoplasmic Domain) - Images**

Anti-CDHR5 / MUCDHL antibody ALS11118 IHC of human kidney.



Anti-CDHR5 / MUCDHL antibody ALS11118 IHC of human small intestine.

**CDHR5 / MUCDHL Antibody (Cytoplasmic Domain) - Background**

Acts as a calcium-dependent cell adhesion protein.

**CDHR5 / MUCDHL Antibody (Cytoplasmic Domain) - References**

Paris M.J.,et al.Genomics 69:196-202(2000).  
Soleiman A.,et al.Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.  
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Taylor T.D.,et al.Nature 440:497-500(2006).