



CDHR5 Polyclonal Antibody

Catalog No	YP-Ab-05750
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB; IF;ELISA
Gene Name	CDHR5 MUCDHL MUPCDH UNQ2781/PRO7168
Immunogen	Synthesized peptide derived from human protein . at AA range: 80-160
Specificity	CDHR5 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000; IF/ICC 1:100-500;ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cadherin-related family member 5;MLPCDH;MUCDHL;Mucin and cadherin-like protein;Mucin-like protocadherin;CDHR5;CDHR5 MUCDHL MUPCDH UNQ2781/PRO7168;Cadherin-related family member 5 (Mu-protocadherin) (Mucin and cadherin-like protein)
Observed Band	70 kDa
Calculated Molecular Weight	845 aa, 88 kDa
Cell Pathway	Apical cell membrane ; Single-pass type I membrane protein . Cell projection, microvillus membrane ; Single-pass type I membrane protein .
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 (PubMed:12167596). Expressed in duodenum with higher expression in enterocytes along the villus axis and lower expression in crypts (at protein level) (PubMed:24725409).
Function	function:Acts as a calcium-dependent cell adhesion protein.,PTM:N- and O-glycosylated.,similarity:Contains 4 cadherin domains.,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.,

Background

cadherin related family member 5(CDHR5) Homo sapiens 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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images