

CDHF9 Polyclonal Antibody

Catalog No :	YT0827
Reactivity :	Human;Mouse;Rat
Applications :	IF;ELISA
Target :	CDHF9
Gene Name :	CELSR1
Protein Name :	Cadherin EGF LAG seven-pass G-type receptor 1
Human Gene Id :	9620
Human Swiss Prot No :	Q9NYQ6
Mouse Gene Id :	12614
Mouse Swiss Prot No :	O35161
Immunogen :	The antiserum was produced against synthesized peptide derived from human CELSR1. AA range:921-970
Specificity :	CDHF9 Polyclonal Antibody detects endogenous levels of CDHF9 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 329kD

Background : The protein encoded by this gene is a member of the flamingo subfamily, part of the cadherin superfamily. The flamingo subfamily consists of nonclassic-type cadherins; a subpopulation that does not interact with catenins. The flamingo cadherins are located at the plasma membrane and have nine cadherin domains, seven epidermal growth factor-like repeats and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic unique to this subfamily. It is postulated that these proteins are receptors involved in contact-mediated communication, with cadherin domains acting as homophilic binding regions and the EGF-like domains involved in cell adhesion and receptor-ligand interactions. This particular member is a developmentally regulated, neural-specific gene which plays an unspecified role in early embryogenesis. [provided by RefSeq,

Function : function:Receptor that may have an important role in cell/cell signaling during nervous system formation.,PTM:The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 1 laminin EGF-like domain.,similarity:Contains 2 laminin G-like domains.,similarity:Contains 8 EGF-like domains.,similarity:Contains 9 cadherin domains.,

Subcellular Location : Cell membrane; Multi-pass membrane protein.

Expression : Kidney,Testis,

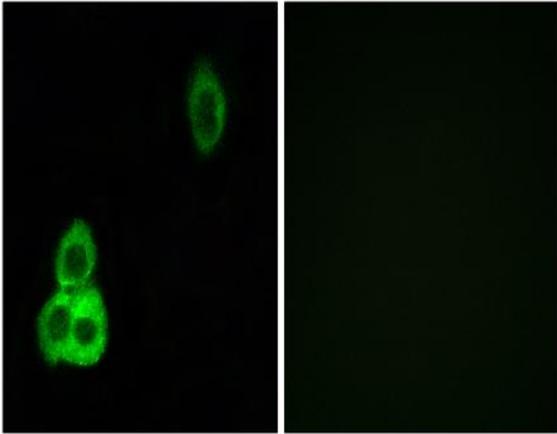
Sort : 3777

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Immunofluorescence analysis of HepG2 cells, using CELSR1 Antibody. The picture on the right is blocked with the synthesized peptide.