

Summary

Production Name	CDHF10 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CELSR2
Alternative Names	CELSR2; CDHF10; EGFL2; KIAA0279; MEGF3; Cadherin EGF LAG seven-pass G-type receptor 2; Cadherin family member 10; Epidermal growth factor-like protein 2; EGF-like protein 2; Flamingo homolog 3; Multiple epidermal growth factor-like domains
Gene ID	1952.0
SwissProt ID	Q9HCU4.The antiserum was produced against synthesized peptide derived from human CELSR2. AA range:2781-2830

Application

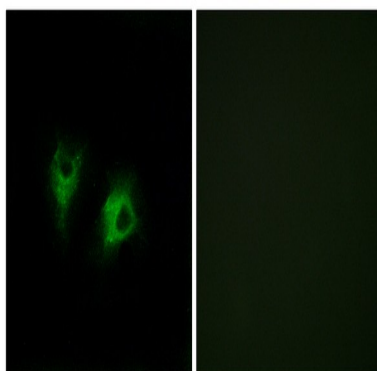
Dilution Ratio	IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Molecular Weight	

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. The specific function of this particular member has not been determined. [provided by RefSeq, Jul 2008],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 7 EGF-like domains.,similarity:Contains 9 cadherin domains.,tissue specificity:Highest expression in brain and testis.,

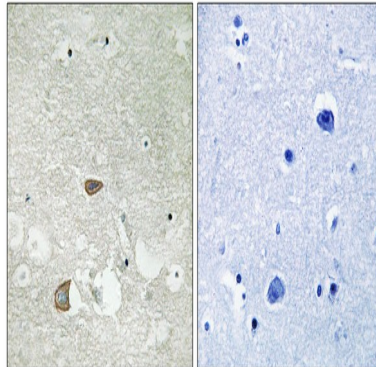
Research Area

Image Data



Immunofluorescence analysis of COS7 cells, using CELSR2 Antibody. The picture on the right is blocked with the synthesized peptide.

Product Name: CDHF10 Rabbit Polyclonal Antibody
Catalog #: APRab08540



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CELSR2 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.