

**CDHF10 Polyclonal Antibody**

<b>Catalog No :</b>	YT0825
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	CDHF10
<b>Gene Name :</b>	CELSR2
<b>Protein Name :</b>	Cadherin EGF LAG seven-pass G-type receptor 2
<b>Human Gene Id :</b>	1952
<b>Human Swiss Prot No :</b>	Q9HCU4
<b>Mouse Swiss Prot No :</b>	Q9R0M0
<b>Rat Swiss Prot No :</b>	Q9QYP2
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human CELSR2. AA range:2781-2830
<b>Specificity :</b>	CDHF10 Polyclonal Antibody detects endogenous levels of CDHF10 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

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**Molecularweight :** 317kD

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**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],

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**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 7 EGF-like domains.,similarity:Contains 9 cadherin domains.,tissue specificity:Highest expression in brain and testis.,

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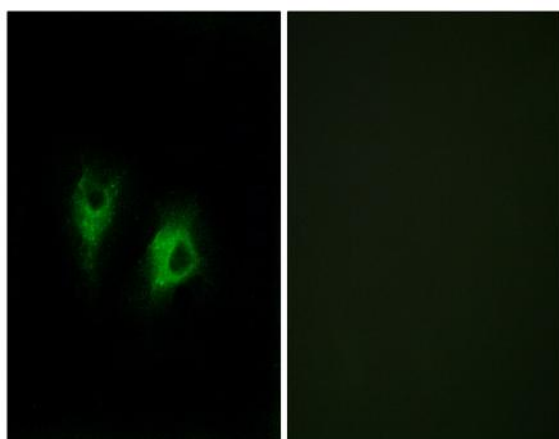
**Subcellular Location :** Cell membrane; Multi-pass membrane protein.

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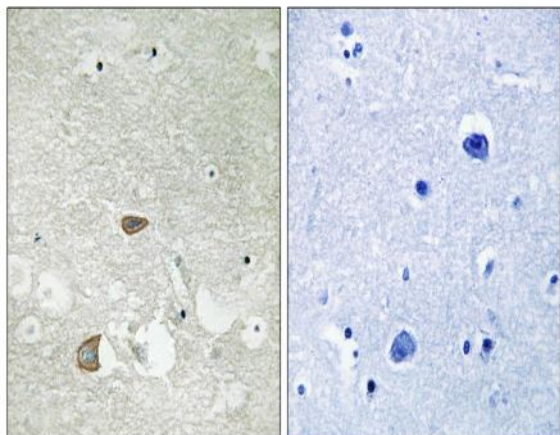
**Expression :** Highest expression in brain and testis.

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## Products Images



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



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