



CDHF10 Polyclonal Antibody

| | |
|---------------------------|--|
| Catalog No | BYab-16946 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | IHC;IF;ELISA |
| Gene Name | CELSR2 |
| Protein Name | Cadherin EGF LAG seven-pass G-type receptor 2 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human CELSR2. AA range:2781-2830 |
| Specificity | CDHF10 Polyclonal Antibody detects endogenous levels of CDHF10 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA 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 | Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | 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 |
| Observed Band | |
| Cell Pathway | Cell membrane; Multi-pass membrane protein. |
| Tissue Specificity | Highest expression in brain and testis. |
| 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 |

Nanjing BYabscience technology Co.,Ltd



specificity: Highest expression in brain and testis.,

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],

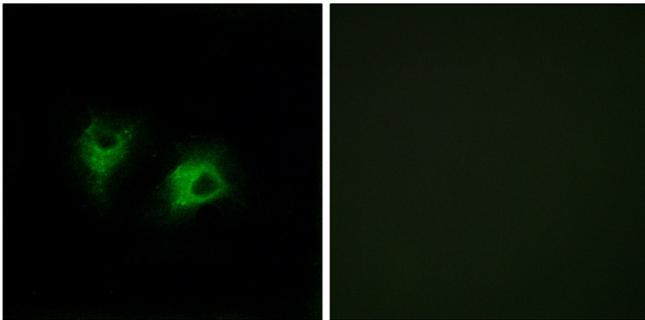
matters needing attention

Avoid repeated freezing and thawing!

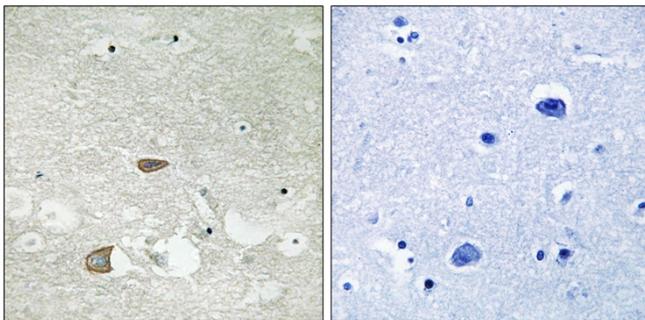
Usage suggestions

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

Products Images



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.