Product Name: CDHF11 Rabbit Polyclonal Antibody
Catalog #: APRab08541

Summary

Production Name	CDHF11 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

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	CELSR3
Alternative Names	CELSR3; CDHF11; EGFL1; FMI1; KIAA0812; MEGF2; Cadherin EGF LAG seven-pass G-type receptor 3; Cadherin family member 11; Epidermal growth factor-like protein 1; EGF-like protein 1; Flamingo homolog 1; hFmi1; Multiple epidermal growth factor-
Gene ID	1951.0
SwissProt ID	Q9NYQ7.The antiserum was produced against synthesized peptide derived from human CELSR3. AA range:91-140

Application

Dilution Ratio	IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:20000.Not yet tested in other applications.

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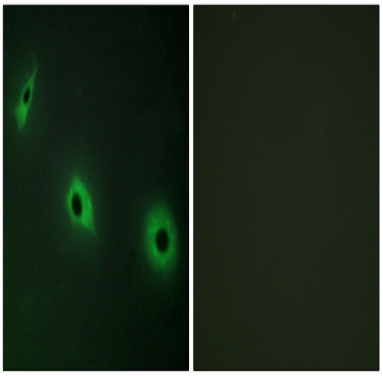
Molecular Weight

Background

This gene belongs to the flamingo subfamily, which is included in the cadherin superfamily. The flamingo cadherins consist of nonclassic-type cadherins that do not interact with catenins. They are plasma membrane proteins containing seven epidermal growth factor-like repeats, nine cadherin domains and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic feature of their subfamily. The encoded protein may be involved in the regulation of contact-dependent neurite growth and may play a role in tumor formation. [provided by RefSeq, Jun 2013],function:Does not seem to be involved in anion transport.,function:Receptor that may have an important role in cell/cell signaling during nervous system formation.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Belongs to the SLC26A/SulP transporter (TC 2.A.53) family.,similarity:Contains 1 GPS domain.,similarity:Contains 1 laminin EGF-like domain.,similarity:Contains 1 STAS domain.,similarity:Contains 2 laminin G-like domains.,similarity:Contains 8 EGF-like domains.,similarity:Contains 9 cadherin domains.,tissue specificity:Ubiquitous. Highest levels in kidney and pancreas. Lower expression in heart, skeletal muscle, liver and placenta. Also found in lung and brain.,

Research Area

Image Data



Immunofluorescence analysis of HepG2 cells, using CELSR3 Antibody. The picture on the right is blocked with the synthesized peptide.

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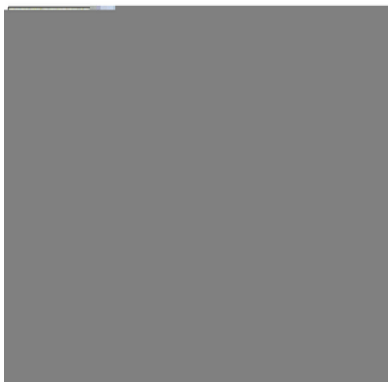

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CELSR3 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.