

## Summary

<b>Production Name</b>	CDHF11 Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC,IF,ELISA
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

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

## Immunogen

<b>Gene Name</b>	CELSR3
<b>Alternative Names</b>	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-
<b>Gene ID</b>	1951.0
<b>SwissProt ID</b>	Q9NYQ7.The antiserum was produced against synthesized peptide derived from human CELSR3. AA range:91-140

## Application

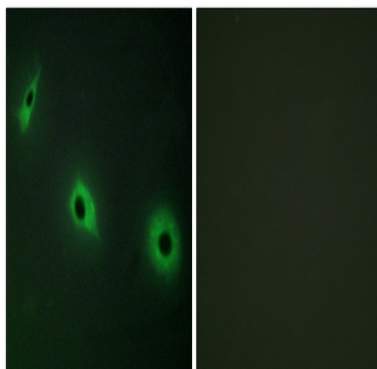
<b>Dilution Ratio</b>	IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
<b>Molecular Weight</b>	

## 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.

**Product Name: CDHF11 Rabbit Polyclonal Antibody**  
**Catalog #: APRab08541**



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.