

CDHF9 rabbit pAb

Cat No.: ES8077

For research use only

Overview

Product Name CDHF9 rabbit pAb

Host species Rabbit
Applications IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunofluorescence: 1/200 - 1/1000. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human CELSR1. AA

range:921-970

Specificity CDHF9 Polyclonal Antibody detects endogenous

levels of CDHF9 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Cadherin EGF LAG seven-pass G-type receptor 1

Gene Name CELSR1

Cellular localizationCell membrane; Multi-pass membrane protein.PurificationThe antibody was affinity-purified from rabbit
antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 9620 **Human Swiss-Prot Number** Q9NYQ6

Alternative Names CELSR1; CDHF9; FMI2; Cadherin EGF LAG seven-pass

G-type receptor 1; Cadherin family member 9;

Flamingo homolog 2; hFmi2

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

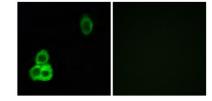


+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com



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. This particular member is a developmentally regulated, neural-specific gene which plays an unspecified role in early embryogenesis. [provided by RefSeq,

Immunofluorescence analysis of HepG2 cells, using CELSR1 Antibody. The picture on the right is blocked with the synthesized peptide.



+86-27-59760950



23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C