

CDHF9 Polyclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP01615 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human CELSR1. AA range:921-970 |
| Mol wt | 329486 |
| Species reactivity | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Recommended application | IF, ELISA |
| Concentration | 1 mg/ml |
| Full name | CDHF9 Antibody |
| Synonyms | CELSR1; CDHF9; FMI2; Cadherin EGF LAG seven-pass G-type receptor 1; Cadherin family member 9; Flamingo homolog 2; hFmi2 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by CELSR1 (cadherin EGF LAG seven-pass G-type receptor 1) is a member of the flamingo subfamily, part of the cadherin superfamily. The flamingo subfamily consists of nonclassical-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. This particular member is a developmentally regulated, neural-specific gene which plays an unspecified role in early embryogenesis.

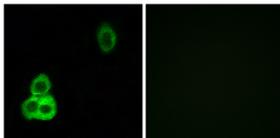
Recommended Dilution

IF: 1: 200 - 1: 1000

ELISA: 1: 10000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year