

## CDHF9 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01615
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CELSR1. AA range:921-970
<b>Mol wt</b>	329486
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CDHF9 Antibody
<b>Synonyms</b>	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.

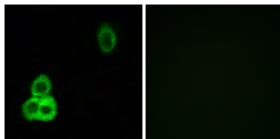
### Recommended Dilution

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