

## CDHF10 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01613
<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 CELSR2. AA range:2781-2830
<b>Mol wt</b>	317453
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CDHF10 Antibody
<b>Synonyms</b>	CELSR2; CDHF10; EGFL2; KIAA0279; MEGF3; Cadherin EGF LAG seven-pass G-type receptor 2; Cadherin family member 10; Epidermal growth factor-like protein 2; EGF-like protein 2; Flamingo homolog 3; Multip

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

### Background

The cadherin EGF LAG seven-pass G-type receptor 2 encoded by CELSR2 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 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. The specific function of this particular member has not been determined.

### Recommended Dilution

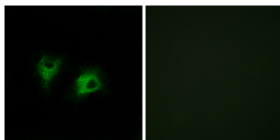
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

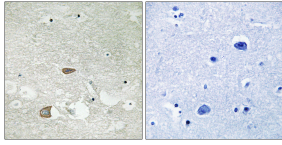
ELISA: 1: 5000

Not yet tested in other applications.

### Images



Immunofluorescence analysis of COS7 cells, using CELSR2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CELSR2 Antibody.  
The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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