

Anti-Cadherin EGF LAG seven-pass G-type receptor 2 Antibody

0905-6



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human, Mouse
Applications:	WB, IF-Cell
Molecular Wt:	Predicted band size: 317kDa

Description: Cadherin EGF LAG seven-pass G-type receptor 2 belongs to the G-protein coupled receptor 2 family, highest expressed in brain and testis. The protein encoded by the gene CELSR2 is a member of the flamingo subfamily, part of the cadherin superfamily. It may have an important role in cell/cell signaling during nervous system formation.

Immunogen: Synthetic peptide within Human Cadherin EGF LAG seven-pass G-type receptor 2 aa 21-70 / 2,923.

Positive control: Recombinant protein D3 (Murine Embryonic Stem Cell Line)

Subcellular location: Cell membrane

Database links: SwissProt: Q9HCU4 Human | Q9R0M0 Mouse

Recommended Dilutions:

WB	1:500-1:1,000
IF-Cell	1:50-1:100

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Store at +4℃ after thawing. Aliquot store at -20℃. Avoid repeated freeze / thaw cycles.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

Images

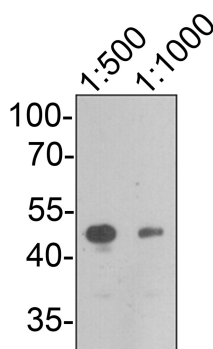


Fig1: Western blot analysis on recombinant protein of CELSR2 using anti- CELSR2 polyclonal antibody.

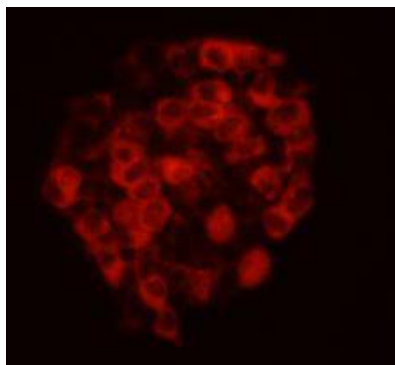


Fig2: ICC image of CELSR2 antibody stained D3 (Murine Embryonic Stem Cell Line).The secondary antibody (red) was goat anti-rabbit IgG (H+L) alexa555 conjugated.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. "The human homologue of flamingo, EGFL2, encodes a brain-expressed large cadherin-like protein with epidermal growth factor-like domains, and maps to chromosome 1p13.3-p21.1." Vincent J.B., Skaug J., Scherer S.W. DNA Res. 7:233-235(2000)
2. "Prediction of the coding sequences of unidentified human genes. VI. The coding sequences of 80 new genes (KIAA0201-KIAA0280) deduced by analysis of cDNA clones from cell line KG-1 and brain." Nagase T., Seki N., Ishikawa K., Ohira M., Kawarabayashi Y., Ohara O., Tanaka A., Kotani H., Miyajima N., Nomura N. DNA Res. 3:321-329(1996)

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