

## CELSR3 polyclonal antibody

Catalog: BS61424

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Drosophila Flamingo is a seven pass transmembrane cadherin that is necessary for dendritic patterning and axon guidance. Flamingo mammalian homologs play similar roles in neuronal development, during which they play an important role in cell-cell signaling. Cadherin EGF LAG seven pass G-type receptors (CELSRs) are multi-pass membrane proteins that belong to the G protein-coupled receptor family of proteins. Silencing CELSR2 gene expression results in significant simplification of dendritic arbors of cortical pyramidal neurons and Purkinje neurons, which may be due to branch retraction. In mouse, CELSR1, CELSR2 and CELSR3 are expressed in the nervous system at early developmental stages, and show expression patterns in the developing CNS. CELSR2 is distributed at intercellular boundaries in the whisker and on processes of neuronal cells such as hippocampal pyramidal cells, Purkinje cells and olfactory neurons.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 358 kDa

### Swiss-Prot:

Q9NYQ7

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

CELSR3 pAb detects endogenous levels of CELSR3 protein.

### DATA:



Western blot (WB) analysis of CELSR3 pAb at 1:500 dilution

Lane1:K562 whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:C6 whole cell lysate(40ug)

Lane4:3T3-L1 whole cell lysate(40ug)

Lane5:U-87MG whole cell lysate(40ug)

### Note:

For research use only, not for use in diagnostic procedure.

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