

CELSR3 Polyclonal Antibody

Catalog No :	YT0851
Reactivity :	Human;Mouse;Rat
Applications :	IF;ELISA
Target :	CELSR3
Gene Name :	CELSR3
Protein Name :	Cadherin EGF LAG seven-pass G-type receptor 3
Human Gene Id :	1951
Human Swiss Prot No :	Q9NYQ7
Mouse Gene Id :	107934
Mouse Swiss Prot No :	Q91ZI0
Rat Gene Id :	83466
Rat Swiss Prot No :	O88278
Immunogen :	The antiserum was produced against synthesized peptide derived from human CELSR3. AA range:3195-3244
Specificity :	CELSR3 Polyclonal Antibody detects endogenous levels of CELSR3 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 358kD**Background :**

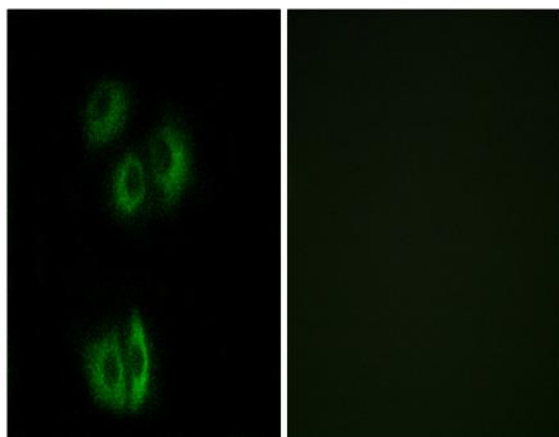
This gene belongs to the flamingo subfamily, which is included in the cadherin superfamily. The flamingo cadherins consist of nonclassic-type cadherins that do not interact with catenins. They are plasma membrane proteins containing seven epidermal growth factor-like repeats, nine cadherin domains and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic feature of their subfamily. The encoded protein may be involved in the regulation of contact-dependent neurite growth and may play a role in tumor formation. [provided by RefSeq, Jun 2013],

Function :

function:Does not seem to be involved in anion transport.,function:Receptor that may have an important role in cell/cell signaling during nervous system formation.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Belongs to the SLC26A/SulP transporter (TC 2.A.53) family.,similarity:Contains 1 GPS domain.,similarity:Contains 1 laminin EGF-like domain.,similarity:Contains 1 STAS domain.,similarity:Contains 2 laminin G-like domains.,similarity:Contains 8 EGF-like domains.,similarity:Contains 9 cadherin domains.,tissue specificity:Ubiquitous. Highest levels in kidney and pancreas. Lower expression in heart, skeletal muscle, liver and placenta. Also found in lung and brain.,

Subcellular Location : Cell membrane; Multi-pass membrane protein.**Expression :** Brain,Cord blood,Duodenum,Epithelium,Kidney,Uterus,

Products Images



Immunofluorescence analysis of A549 cells, using CELSR3 Antibody. The picture on the right is blocked with the synthesized peptide.