



Rabbit Anti-CELSR3 antibody

SL11460R

Product Name:	CELSR3
Chinese Name:	表皮生长因子样蛋白1/Flamingo homolog 1抗体
Alias:	Cadherin EGF LAG seven-pass G-type receptor 3; Cadherin family member 11; CDHF11; CELR3_HUMAN; CELSR3; EGF-like protein 1; EGFL1; Epidermal growth factor-like protein 1; Flamingo; Flamingo homolog 1; FMI1; HFMI1; MEGF2; Multiple EGF-like domains protein 2; Multiple epidermal growth factor-like domains protein 2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	354kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Flamingo homolog 1:1601-1700/3312<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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:

Receptor that may have an important role in cell/cell signaling during nervous system formation.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Similarity:

Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.

Contains 9 cadherin domains.

Contains 8 EGF-like domains.

Contains 1 GPS domain.

Contains 1 laminin EGF-like domain.

Contains 2 laminin G-like domains.

SWISS:

Q9NYQ7

Gene ID:

92238

Database links:

[Entrez Gene: 1951](#) Human

[Omin: 604264](#) Human

[SwissProt: Q9NYQ7](#) Human

[Unigene: 55173](#) Human

[Unigene: 631926](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.