SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CELSR3 antibody

Catalog Number: SL11460R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CELSR3
Immunogen:	KLH conjugated synthetic peptide derived from human Flamingo homolog 1: 1601-1700/3312 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Rabbit, Sheep)
Predicted MW.:	354kDa
Subcellular Location:	The cell membrane
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:** Receptor that may have an important role in cell/cell signaling

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

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	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. **Database links:** **Entrez Gene:** 1951 Human Omim: 604264 Human **SwissProt:** Q9NYQ7 Human **Unigene:** 55173 Human **Unigene:** 631926 Human

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