

# CELSR3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54511

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q9NYQ7</a>
<b>Reactivity</b>	Rat, Pig, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	358185
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human Flamingo homolog 1
<b>Epitope Specificity</b>	1601-1700/3312
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cell membrane; Multi-pass membrane protein.
<b>SIMILARITY</b>	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.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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]

## Additional Information

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<b>Gene ID</b>	1951
<b>Other Names</b>	Cadherin EGF LAG seven-pass G-type receptor 3, Cadherin family member 11, Epidermal growth factor-like protein 1, EGF-like protein 1, Flamingo homolog 1, hFmi1, Multiple epidermal growth factor-like domains protein 2, Multiple EGF-like domains protein 2, CELSR3, CDHF11, EGFL1, FMI1, KIAA0812, MEGF2
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000

<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

## Protein Information

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<b>Name</b>	CELSR3
<b>Synonyms</b>	CDHF11, EGFL1, FMI1, KIAA0812, MEGF2
<b>Function</b>	Receptor that may have an important role in cell/cell signaling during nervous system formation.
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.