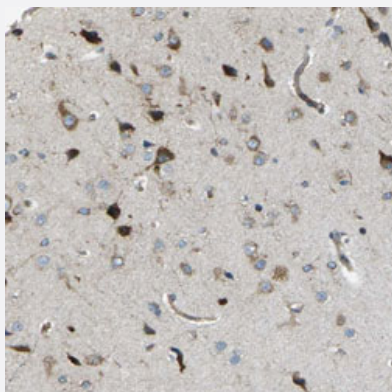


# CELSR2 polyclonal antibody

Catalog # PAB30476

Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with CELSR2 polyclonal antibody (Cat # PAB30476) shows strong nuclear and cytoplasmic positivity in neuronal cells at 1:20-1:50 dilution.

## Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CELSR2.
Immunogen	Recombinant protein corresponding to human CELSR2.
Sequence	SATQDVHFTENLLRVGSALLDTANKRHWELIQQTGGTAWLLQHYEAYASALAQNMRYHTLSPFTI VTPNIVISVVRLDKGNFAGAKLPYEALRGEQPPDLETTVILPESVFRETTPPVVRPAGPGEAQEPE ELARRQRRHPELSQ
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — CELSR2

Entrez GeneID	<a href="#">1952</a>
Protein Accession#	<a href="#">Q9HCU4</a>
Gene Name	CELSR2
Gene Alias	CDHF10, EGFL2, FLJ34118, FLJ42737, FLJ45143, FLJ45845, Flamingo1, KIAA0279, MEGF3
Gene Description	cadherin, EGF LAG seven-pass G-type receptor 2 (flamingo homolog, Drosophila)
Omim ID	<a href="#">604265</a>
Gene Ontology	<a href="#">Hyperlink</a>

Gene Summary	The protein encoded by this gene is a member of the flamingo subfamily, part of the cadherin superfamily. The flamingo subfamily consists of nonclassic-type cadherins; a subpopulation that does not interact with catenins. The flamingo cadherins are located at the plasma membrane and have nine cadherin domains, seven epidermal growth factor-like repeats and two laminin A G-type repeats in their ectodomain. They also have seven transmembrane domains, a characteristic unique to this subfamily. It is postulated that these proteins are receptors involved in contact-mediated communication, with cadherin domains acting as homophilic binding regions and the EGF-like domains involved in cell adhesion and receptor-ligand interactions. The specific function of this particular member has not been determined. [provided by RefSeq]
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Other Designations	EGF-like-domain, multiple 2 OTTHUMP00000013794 cadherin EGF LAG seven-pass G-type receptor 2 epidermal growth factor-like 2 multiple epidermal growth factor-like domains 3
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## Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lipid Metabolism Disorders](#)
- [Myocardial Infarction](#)