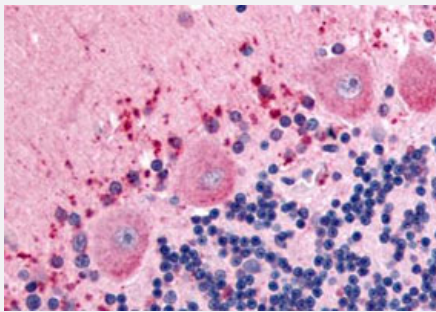


CELSR3 polyclonal antibody

Catalog # PAB26115

Size 50 ug

Applications



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

Immunohistochemical staining of human brain, Purkinje neurons with CELSR3 polyclonal antibody (Cat # PAB26115).

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CELSR3.
Immunogen	A synthetic peptide corresponding to 19 amino acids at N-terminus of human CELSR3.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (36 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°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 — CELSR3

Entrez GeneID [1951](#)

Protein Accession# [Q9NYQ7](#)

Gene Name CELSR3

Gene Alias CDHF11, EGFL1, FMI1, HFMI1, MEGF2, RESDA1

Gene Description cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo homolog, Drosophila)

Omim ID [604264](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations

EGF-like-domain, multiple 1|anchor protein|cadherin EGF LAG seven-pass G-type receptor 3|epidermal growth factor-like 1|multiple EGF-like domains 2