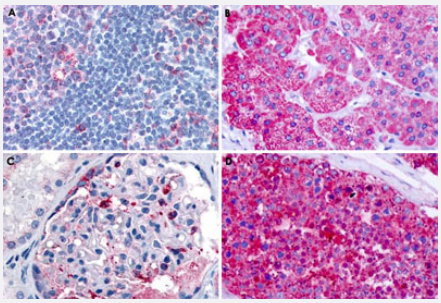
CELSR1 polyclonal antibody

Catalog # PAB26153 Size 50 ug

Applications



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

Immunohistochemical staining of formalin-fixed paraffin-embedded human tonsil (A), human adrenal gland (B), human kidney (C) and human testis (D) with CELSR1 polyclonal antibody (Cat # PAB26153).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CELSR1.
Immunogen	A synthetic peptide corresponding to 17 amino acids at N-terminus of human CELSR1.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except CELSR3 (47%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10-20 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.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining of formalin-fixed paraffin-embedded human tonsil (A), human adrenal gland (B), human kidney (C) and human testis (D) with CELSR1 polyclonal antibody (Cat # PAB26153).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CELSR1

Entrez GeneID	9620
Protein Accession#	Q9NYQ6
Gene Name	CELSR1
Gene Alias	CDHF9, DKFZp434P0729, FMI2, HFMI2, ME2
Gene Description	cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo homolog, Drosophila)
Omim ID	604523
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the flamingo subfamily, part of the cadherin sup erfamily. 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 rep eats 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 co mmunication, with cadherin domains acting as homophilic binding regions and the EGF-like dom ains involved in cell adhesion and receptor-ligand interactions. This particular member is a develo pmentally regulated, neural-specific gene which plays an unspecified role in early embryogenesis. [provided by RefSeq
Other Designations	OTTHUMP00000028852|cadherin EGF LAG seven-pass G-type receptor 1|protocadherin flamin go 2

Disease

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- Atherosclerosis
- Brain Ischemia
- Cerebral Hemorrhage
- Genetic Predisposition to Disease
- Hypertension
- Intracranial Hemorrhages
- Schizophrenia
- Stroke
- Subarachnoid Hemorrhage
- Tobacco Use Disorder

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