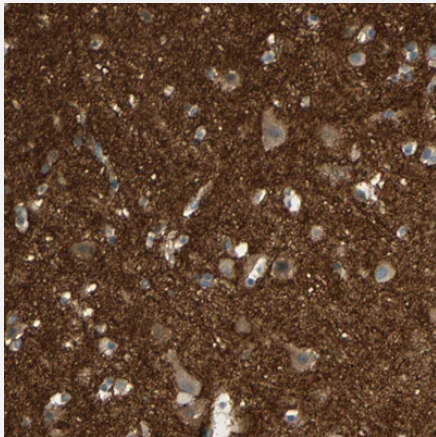


ICAM5 polyclonal antibody

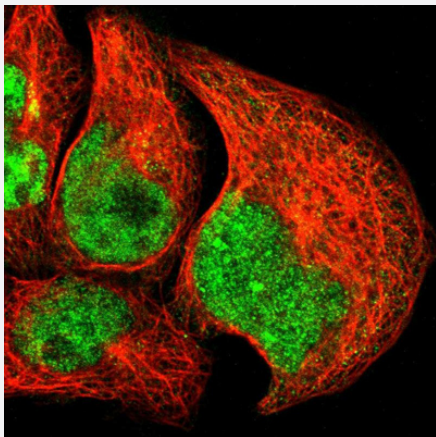
Catalog # PAB30568 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with ICAM5 polyclonal antibody (Cat # PAB30568) shows distinct positivity in neuropil.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with ICAM5 polyclonal antibody (Cat # PAB30568) shows positivity in nucleus but excluded from the nucleoli. Antibody staining is shown in green.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ICAM5.
Immunogen	Recombinant protein corresponding to amino acids 665-770 of human ICAM5.
Sequence	PPEMDESTCPSHQTWLEGAEASALACAARGRPSPGVRCSREGIPWPEQQRVSREDAGTYHCV ATNAHGTDSTRTVTGVEYRPVVAELAASPPGGVRPGGNFTLTCR

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1 - 4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50 - 1:200) 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 short term storage. 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

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

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Gene Info — ICAM5

Entrez GeneID	7087
Protein Accession#	Q9UMF0
Gene Name	ICAM5
Gene Alias	TLCN, TLN
Gene Description	intercellular adhesion molecule 5, telencephalin
Omim ID	601852

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is expressed on the surface of telencephalic neurons and displays two types of adhesion activity, homophilic binding between neurons and heterophilic binding between neurons and leukocytes. It may be a critical component in neuron-microglial cell interactions in the course of normal development or as part of neurodegenerative diseases. [provided by RefSeq]

Other Designations

intercellular adhesion molecule 5|telencephalin

Disease

- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hematologic Diseases](#)
- [Hepatitis C](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)