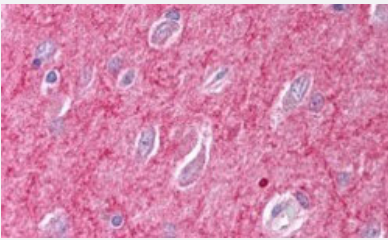


ICAM5 polyclonal antibody

Catalog # PAB7150 Size 100 ug

Applications



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

ICAM5 polyclonal antibody (Cat # PAB7150) (2.5 ug/mL) staining of paraffin embedded human brain (cerebral cortex). Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of ICAM5.

Immunogen A synthetic peptide corresponding to human ICAM5.

Sequence C-ESPAEGEVFAIQ

Host Goat

Theoretical MW (kDa) 97.2

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
ELISA (1:128000)
Immunohistochemistry (2-4 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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)

ICAM5 polyclonal antibody (Cat # PAB7150) (2.5 ug/mL) staining of paraffin embedded human brain (cerebral cortex). Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ICAM5

Entrez GeneID	7087
Protein Accession#	NP_003250.2
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

Publication Reference

- [An ICAM-related neuronal glycoprotein, telencephalin, with brain segment-specific expression.](#)

Yoshihara Y, Oka S, Nemoto Y, Watanabe Y, Nagata S, Kagamiyama H, Mori K.

Neuron 1994 Mar; 12(3):541.

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