

ARG64051
anti-ICAM5 precursor antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ICAM5 precursor
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Pig
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ICAM5 precursor
Species	Human
Immunogen	C-ESPAEGEVFAIQ
Conjugation	Un-conjugated
Alternate Names	Telencephalin; Intercellular adhesion molecule 5; TLCN; TLN; ICAM-5

Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 4 µg/ml

Application Note IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 7087 Human](#)

[Swiss-port # Q9UMF0 Human](#)

Background

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, Jul 2008]

Research Area

Controls and Markers antibody; Neuroscience antibody

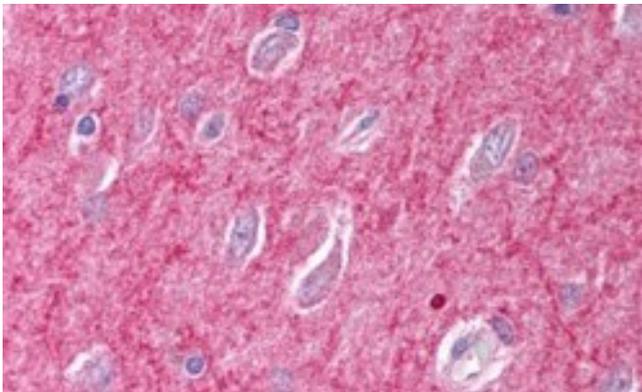
Calculated Mw

97 kDa

PTM

Glycosylation at Asn-54 is critical for functional folding.

Images



ARG64051 anti-ICAM5 precursor antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Brain (Cerebral Cortex). (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64051 anti-ICAM5 precursor antibody at 2.5 µg/ml dilution followed by AP-staining.