

Goat anti-ICAM5 precursor Antibody

Item Number	dAP-0944
Target Molecule	Principle Name: ICAM5 precursor; Official Symbol: ICAM5; All Names and Symbols: ICAM5; intercellular adhesion molecule 5, telencephalin ; TLCN; TLN ; intercellular adhesion molecule 5; telencephalin; Accession Number (s): NP_003250.3; Human Gene ID(s): 7087; Non-Human GeneID(s): 15898 (mouse) 313785 (rat)
Immunogen	ESPAEGEVFAIQ, is from C Terminus
Applications	Pep ELISA, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Preliminary experiments gave an approx 200-250kDa band in lysates of Human Brain (Frontal Cortex and Hippocampus) and Mouse Brain after 0.05 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature
IHC	Immunohistochemistry: In paraffin embedded Human Brain (Cerebral Cortex) shows axon/dendrite staining leaving cell bodies relatively unstained. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Yoshihara Y, Oka S, Nemoto Y, Watanabe Y, Nagata S, Kagamiyama H, Mori K. An ICAM-related neuronal glycoprotein, telencephalin, with brain segment-specific expression. Neuron. 1994 Mar;12(3):541-53. .PMID: 7794412 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**