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Research Use Only. Not for diagnostic or therapeutic use.

EB07506 - Goat Anti-ICAM5 precursor Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ICAM5, intercellular adhesion molecule 5, telencephalin, TLCN, TLN,

intercellular adhesion molecule 5, telencephalin

Official Symbol: ICAM5

Accession Number(s): NP_003250.3

Human GeneID(s): 7087

Non-Human GenelD(s): 15898 (mouse), 313785 (rat)

Immunogen

Peptide with sequence C-ESPAEGEVFAIQ, from the C Terminus of the protein sequence according to NP_003250.3.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

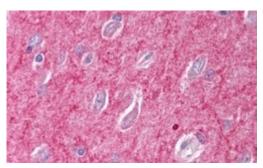
Western blot: Preliminary experiments gave an approx 200-250kDa band in lysates of Human Brain (Frontal Cortex and Hippocampus) and Mouse Brain after 0.05 μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 97.2kDa according to NP_003250.2. The 200-250kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Brain (Cerebral Cortex) shows axon/dendrite staining leaving cell bodies relatively unstained. Recommended concentration, 2-4µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Pig, Cow



 $EB07506~(2.5\mu g/ml)~staining~of~paraffin~embedded~Human~Brain~(Cerebral~Cortex).~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$