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Research Use Only. Not for diagnostic or therapeutic use.

EB11250 - Goat Anti-CADM1/TSLC1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BL2, cell adhesion molecule 1, DKFZp686F1789, IGSF4, IGSF4A, immunoglobulin superfamily member 4, immunoglobulin superfamily, member 4, immunoglobulin superfamily, member 4D variant 2, MGC149785, MGC51880, NECL2, Necl-2, nectin-like 2, nectin-like protein 2, RA175, sgIGSF, spermatogenic immunoglobulin superfamily, ST17, sTSLC-1, synaptic cell adhesion molecule, SYNCAM, synCAM1, TSLC1, TSLC-1, TSLC1/Nectin-like 2/IGSF4, tumor suppressor in lung cancer 1, CADM1

Official Symbol: CADM1

Accession Number(s): NP_055148.3; NP_001091987.1

Human GeneID(s): 23705

Non-Human GenelD(s): 54725 (mouse), 363058 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_055148.3; NP_001091987.1).

Immunogen

Peptide with sequence C-QLYTDPPQESYTT, from the internal region of the protein sequence according to NP_055148.3; NP_001091987.1.

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 1:8000.

Western blot: Approx 49kDa band observed in Mouse fetal Heart and fetal Brain lysates (calculated MW of 49.8kDa according to Mouse NP_997558.2). Recommended

concentration: 1-3µg/ml.

Species Reactivity

Tested: Mouse

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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

EB11250 ($1\mu g/ml$) staining of Mouse fetal Heart lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.