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EB10245 - Goat Anti-CADM1 Antibody
Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: BL2, cell adhesion molecule 1, DKFZp686F1789, IGSF4, IGSF4A, MGC149785, MGC51880, NECL2, Necl-2, RA175, sgIGSF, ST17, SYNCAM, synCAM1, TSLC1, TSLC1/Nectin-like 2/IGSF4, CADM1

Official Symbol: CADM1

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

Human GeneID(s): 23705

Non-Human GeneID(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-EVQYKPQVHIQ, 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 37kDa band observed in Human and Mouse Brain lysates (calculated MW of 36.9kDa according to the reported isoform 2 Q9BY67-2 in UniprotKB). Recommended concentration: 1-3µg/ml.

Species Reactivity

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

250kDa
150kDa
100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa
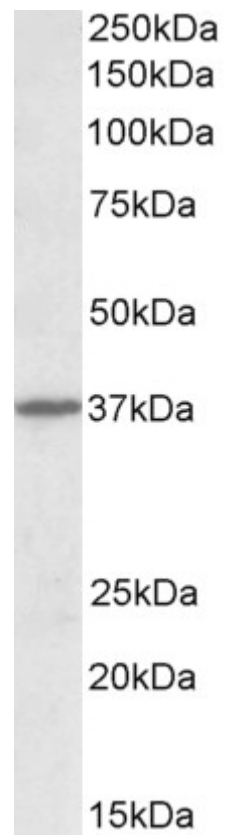
EB10245 (1µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.