

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB09777 - Goat Anti-CSMD1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CUB and Sushi multiple domains 1, KIAA1890, CSMD1

**Official Symbol:** CSMD1

**Accession Number(s):** NP\_150094.4

**Human GeneID(s):** [64478](#)

**Non-Human GeneID(s):** 94109 (mouse), 364634 (rat)

### Immunogen

Peptide with sequence C-KGVREVNETVTKTP, from the internal region of the protein sequence according to NP\_150094.4.

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:** Approx 150kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 389kDa according to NP\_150094.4). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Kraus et al, J Immunol. 2006 Apr 1;176(7):4419-30. PMID: 16547280). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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

EB09777 (1µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.