

Goat anti-CSMD3 Antibody

Item Number	dAP-1311
Target Molecule	Principle Name: CSMD3; Official Symbol: CSMD3; All Names and Symbols: CSMD3; CUB and Sushi multiple domains 3; KIAA1894; Accession Number (s): NP_937756.1; NP_937757.1; NP_443132.2; Human Gene ID(s): 114788; Non-Human GenID(s): 239420 (mouse)
Immunogen	KQRTAPKTQYTGC, is from internal region This antibody is expected to recognise all reported isoforms according to NP_937756.1; NP_937757.1 and NP_443132.2.
Applications	Pep ELISA Species Tested:
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 16000.
Western Blot	Western Blot: Preliminary experiments in human brain (substantia nigra and hippocampus) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any resu
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Reference	Reference(s): Shimizu A, Asakawa S, Sasaki T, Yamazaki S, Yamagata H, Kudoh J, Minoshima S, Kondo I, Shimizu N. A novel giant gene CSMD3 encoding a protein with CUB and sushi multiple domains: a candidate gene for benign adult familial myoclonic epilepsy on human chromosome 8q23.3-q24.1. Biochem

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 end users! This product is sold for **Research Use Only**