

## Goat anti-CSMD3 Antibody

<b>Item Number</b>	dAP-1311
<b>Target Molecule</b>	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 GeneID(s): 239420 (mouse)
<b>Immunogen</b>	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.
<b>Applications</b>	Pep ELISA  Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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
<b>IHC</b>	
<b>Reference</b>	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 ender users! This product is sold for **Research Use Only**