

Goat anti-SNAP25 Antibody

Item Number	dAP-0625
Target Molecule	Principle Name: SNAP25; Official Symbol: SNAP25; All Names and Symbols: SNAP25; synaptosomal-associated protein, 25kDa ; HGNC:11132; FLJ23079; SNAP; SNAP-25; bA416N4.2; dJ1068F16.2 ; synaptosomal-associated protein 25; RIC-4; RIC4; SEC9; resistance to inhibitors of cholinesterase 4 homolog; synaptosomal-associated protein 25; Accession Number (s): NP_003072.2; NP_570824.1; Human Gene ID (s): 6616; Non-Human GeneID(s): 20614 (mouse) 25012 (rat)
Immunogen	DEANQRATKMLGSG, is from C Terminus This antibody is expected to recognise both reported isoforms NP_003072.2 (SNAP25A) and NP_570824.1 (SNAP25B). Reported variants represent identical protein: NP_001309831.1, NP_003072.2 Reported vari-
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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 128000.
Western Blot	Western Blot: Approx 26kDa band observed in Human Brain and Mouse Brain lysates (calculated MW of 23.3kDa according to NP_003072.2 and NP_570824.1). Recommended concentration: 0.01-0.03µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Cerebellum shows strong axon staining, particularly in the granular region. Recommended concentration: 1-2µg/ml.
Reference	Reference(s): Voeller KK. Attention-deficit hyperactivity disorder (ADHD). J Child Neurol. 2004 Oct;19 (10):798-814. Review. .PMID: 15559895 ->

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**