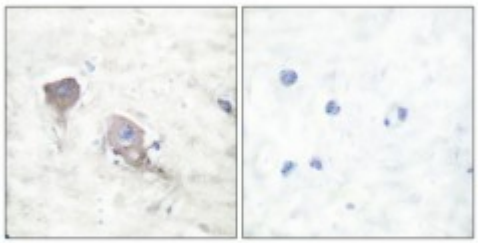
Anti-SNAP 25 antibody



Description	Rabbit polyclonal to SNAP 25.

Model	STJ95717
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human SNAP 25
Immunogen Region	120-200 aa, C-terminal
Gene ID	6616
Gene Symbol	SNAP25
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	SNAP 25 Polyclonal Antibody detects endogenous levels of SNAP 25 protein.
Tissue Specificity	Neurons of the neocortex, hippocampus, piriform cortex, anterior thalamic nuclei, pontine nuclei, and granule cells of the cerebellum.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Synaptosomal-associated protein 25 SNAP-25 Super protein SUP Synaptosomal-associated 25 kDa protein
Molecular Weight	25 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11132OMIM:600322
Alternative Names	Synaptosomal-associated protein 25 SNAP-25 Super protein SUP Synaptosomal-associated 25 kDa protein
Function	t-SNARE involved in the molecular regulation of neurotransmitter release. May play an important role in the synaptic function of specific neuronal systems. Associates with proteins involved in vesicle docking and membrane fusion. Regulates plasma membrane recycling through its interaction with CENPF. Modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1 in pancreatic beta cells.
Cellular Localization	Cytoplasm, perinuclear region Cell membrane Cell junction, synapse, synaptosome. Membrane association requires palmitoylation. Expressed throughout cytoplasm, concentrating at the perinuclear region. Colocalizes with KCNB1 at the cell membrane.
Post-translational Modifications	Palmitoylated. Cys-85 appears to be the main site, and palmitoylation is required for membrane association .