

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SNAP25



Numéro de catalogue: 30003-1-Ig **1 Publications**

Informations de base

Numéro de catalogue:	30003-1-Ig	Numéro d'acquisition GenBank:	BC010647	Méthode de purification:	Purification par protéine A
Taille:	150ul , Concentration: 400 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI):	6616		
Hôte:	Goat	Nom complet:	synaptosomal-associated protein, 25kDa		
Isotype:	IgG	MW calculé	23 kDa		

Applications

Applications testées:
ELISA

Demandes citées:
IF, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
rat

Informations générales

The synaptosomal associated protein of 25 kD (SNAP-25) was first identified as a major synaptic protein by Wilson and colleagues. The protein interacts with syntaxin and synaptobrevin through its N-terminal and C-terminal - helical domains. Its palmitoylation domain is located in the middle of the molecule that contains four cysteine residues. Mutation of the cysteines abolishes palmitoylation and membrane binding. Several elegant studies using synaptosome preparations and permeabilized PC12 cells have suggested that SNAP-25 may act in the late post-docking steps of exocytosis. By limited proteolysis and in vitro binding assay, it is proposed that the two helix domains act independently and contribute equally to form the SNARE complex with syntaxin and synaptobrevin. It seems that a major regulatory element is located in the C-terminus of SNAP-25. Removing a 9 amino acid sequence of SNAP-25 inhibited neurosecretion in chromaffin cells. In addition, it has been shown that inhibition of neurosecretion by Botox E can be rescued by a SNAP-25 C-terminal peptide, probably by initiating the formation of a fusion competent SNARE complex.

Publications notables

Autrice	Pubmed ID	Journal	Application
Wen-Ming Zhou	37336823	Neurochem Res	WB, IF

Stockage

Stockage:
Stocker à -20 °C

Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

