

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SNAP25



Numéro de catalogue: 30003-1-AP

Informations de base

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

Applications

Applications testées:
ELISA
Spécificité de l'espèce:
Humain, souris

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.

Stockage

Stockage:
Stocker à -20 °C
Tampon de stockage:
PBS avec azote 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:
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