

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-CPLX1



Numéro de catalogue: 20250-1-AP

Informations de base

Numéro de catalogue:	20250-1-AP	Numéro d'acquisition GenBank:	NM_006651	Méthode de purification:	Purification par affinité contre l'antigène
Taille:	150ul	Identification du gène (NCBI):	10815		
Hôte:	Lapin	Nom complet:	complexin 1		
Isotype:	IgG	MW calculé	15 kDa		

Applications

Applications testées:
ELISA

Spécificité de l'espèce:
Humain, rat, souris

Informations générales

Complexin 1 (CPLX1) is a member of the complexin/synaphin gene family, which are cytosolic proteins that function in synaptic vesicle exocytosis. Complexins are enriched in neurons where they colocalize with syntaxin and SNAP-25. Complexins bind weakly to syntaxin alone and not at all to synaptobrevin and SNAP-25, but strongly to the SNAP receptor-core complex composed of these three molecules. Complexins also compete with alpha-SNAP for binding to the core complex but not with other interacting molecules, including synaptotagmin I, and regulate the sequential interactions of alpha-SNAP and synaptotagmins with the SNAP receptor during exocytosis. CPLX1 binds to the SNAP receptor complex and disrupts it, leading to the release of transmitters. Alterations of complexins may contribute to the molecular substrate for abnormalities of neural connectivity in severe mental disorders.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.

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:

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