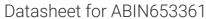
antibodies -online.com





anti-Complexin 1 antibody (AA 33-60)

2 Images



Go to Product page

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Overview	
Quantity:	400 μL
Target:	Complexin 1 (CPLX1)
Binding Specificity:	AA 33-60
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Complexin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This CPLX1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 33-60 amino acids from the Central region of human CPLX1.
Clone:	RB23961
Isotype:	Ig Fraction
Predicted Reactivity:	B, Pr, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Complexin 1 (CPLX1)
Alternative Name:	CPLX1 (CPLX1 Products)

Target Details

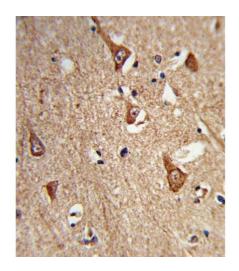
Background:	CPLX1 encoded by the complexin/synaphin gene family are cytosolic proteins that function in	
	synaptic vesicle exocytosis. These proteins bind syntaxin, part of the SNAP receptor. The	
	protein product of this gene binds to the SNAP receptor complex and disrupts it, allowing	
	transmitter release.	
Molecular Weight:	15030	
Gene ID:	10815	
NCBI Accession:	NP_006642	
UniProt:	014810	
Pathways:	Hormone Transport, Synaptic Vesicle Exocytosis, Dicarboxylic Acid Transport	

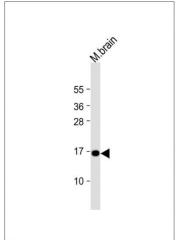
Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with CPLX1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Anti-CPLX1 Antibody (Center) at 1:1000 dilution + mouse brain lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 15 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.