

Rabbit CPLX3 Polyclonal Antibody | anti-CPLX3 antibody

CPLX3 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289772	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CPLX3; Polyclonal Antibody; CPLX3 Antibody (Center); Complexin-3; Complexin III; CPX III; anti-CPLX3 antibody

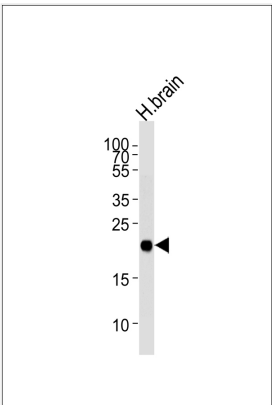
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CPLX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 52-81 amino acids from the Central region of human CPLX3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	52-81
Sequence Length	158
Applicable Applications for anti-CPLX3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
CPLX3 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CPLX3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from human brain tissue lysate, using CPLX3 Antibody (Center). AAA289772 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-CPLX3 antibody	Positively regulates a late step in synaptic vesicle exocytosis (By similarity).
References	Newton-Cheh, C., et al. Nat. Genet. (2009) In press : Levy, D., et al. Nat. Genet. (2009) In press : Reim, K., et al. J. Cell Biol. 169(4):669-680(2005) Ohira, M., et al. Oncogene 22(35):5525-5536(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	71725345
NCBI GeneID	594855
NCBI Accession #	NP_001025176.1
NCBI GenBank Nucleotide #	NM_001030005.2
UniProt Accession #	Q8WVH0; Q8TEM6; Q9H818; D3DW66
Molecular Weight	17557
NCBI Official Full Name	complexin-3
NCBI Official Synonym Full Names	complexin 3
NCBI Official Symbol	CPLX3
NCBI Official Synonym Symbols	CPXIII; CPX-III; Nbla11589
NCBI Protein Information	complexin-3
UniProt Protein Name	Complexin-3
UniProt Gene Name	CPLX3
UniProt Synonym Gene Names	CPX III
UniProt Entry Name	CPLX3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

