

Rabbit CPLX2 Polyclonal Antibody | anti-CPLX2 antibody

CPLX2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200228	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

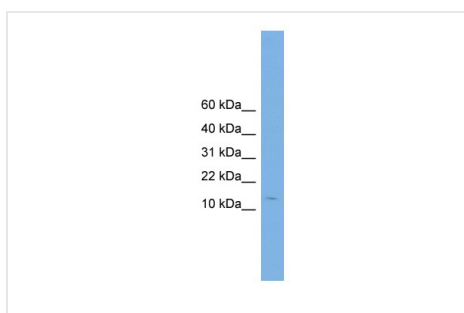
PRODUCT SYNONYMS

CPLX2; Polyclonal Antibody; CPLX2 antibody - N-terminal region; anti-CPLX2 antibody

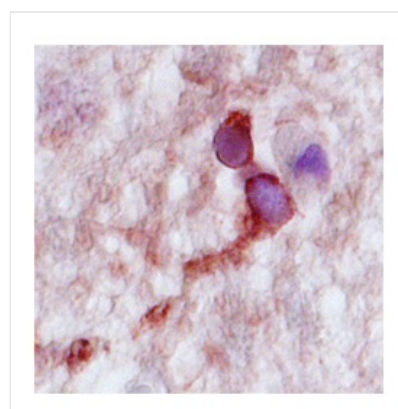
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MD FVMKQALGGA TKDMGKMLGG EEEKDPDAQK KEEERQEALR QQEEERKA
Sequence Length	134
Applicable Applications for anti-CPLX2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CPLX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CPLX2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver


IHC (Immunohistochemistry)

Complexin 2 in human hippocampus was detected using HRP/AEC red color stain.

ADDITIONAL INFORMATION

Related Product Information for anti-CPLX2 antibody	This is a rabbit polyclonal antibody against CPLX2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Proteins 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. Two transcript variants encoding the same protein have been found for this gene.
Product Categories/Family for anti-CPLX2 antibody	Polyclonal; Cell Biology; Neuroscience; Signal Transduction; Various; DNA/RNA/Protein Interactions; Immunohistochemistry; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729783
NCBI GeneID	10814
NCBI Accession #	NP_006641
NCBI GenBank Nucleotide #	NM_006650
UniProt Accession #	Q6PUV4
Molecular Weight	15
NCBI Official Full Name	complexin-2
NCBI Official Synonym Full Names	complexin 2
NCBI Official Symbol	CPLX2
NCBI Official Synonym Symbols	CPX2; Hfb1; 921-L; CPX-2
NCBI Protein Information	complexin-2
UniProt Protein Name	Complexin-2
UniProt Gene Name	CPLX2
UniProt Synonym Gene Names	CPX II
UniProt Entry Name	CPLX2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cplx2-antibody-western-blot-immunohistochemistry-elisa/200228>