

CLTB Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12926a**Specification**

CLTB Antibody - Product Information

Application	WB,E
Primary Accession	P09497
Other Accession	NP_009028.1 , NP_001825.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25190

CLTB Antibody - Additional Information**Gene ID** 1212**Other Names**

Clathrin light chain B, Lcb, CLTB

Target/Specificity

This CLTB antibody is generated from rabbits immunized with a recombinant protein from human CLTB.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CLTB Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CLTB Antibody - Protein Information**Name** CLTB**Function** Clathrin is the major protein of the polyhedral coat of coated pits and vesicles.**Cellular Location**

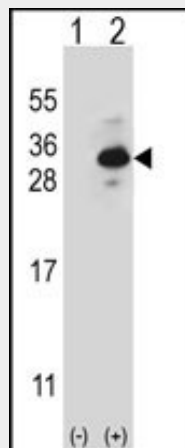
Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Membrane, coated pit; Peripheral membrane protein; Cytoplasmic side. Note=Cytoplasmic face of coated pits and vesicles

CLTB Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CLTB Antibody - Images



Western blot analysis of CLTB (arrow) using rabbit polyclonal CLTB Antibody (Cat. #AP12926a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CLTB gene.

CLTB Antibody - Background

Clathrin is a large, soluble protein composed of heavy and light chains. It functions as the main structural component of the lattice-type cytoplasmic face of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. This gene encodes one of two clathrin light chain proteins which are believed to function as regulatory elements. Alternative splicing results in multiple transcript variants.

CLTB Antibody - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Martins-de-Souza, D., et al. J Neural Transm 116(3):275-289(2009)
Loerke, D., et al. Traffic 6(10):918-929(2005)
Chen, C.Y., et al. J. Biol. Chem. 280(7):6109-6117(2005)