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CUTC Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16821c

Specification

CUTC Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q9NTM9
Other Accession	Q9D8X1, NP_057044.2
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**29341**
Antigen Region	**67-94**

CUTC Antibody (Center) - Additional Information

Gene ID 51076

Other Names
Copper homeostasis protein cutC homolog, CUTC

Target/Specificity
This CUTC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-94 amino acids from the Central region of human CUTC.

Dilution
WB~~1:1000

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
CUTC Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CUTC Antibody (Center) - Protein Information

Name CUTC

Function May play a role in copper homeostasis. Can bind one Cu(1+) per subunit.

Cellular Location
Cytoplasm. Nucleus. Note=The overexpressed protein is detected in the cytoplasm, and depending on the cell line, also in the nucleus

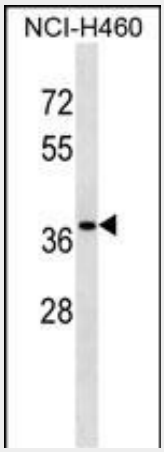
Tissue Location
Ubiquitous..

CUTC Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CUTC Antibody (Center) - Images



CUTC Antibody (Center) (Cat. #AP16821c) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the CUTC antibody detected the CUTC protein (arrow).

CUTC Antibody (Center) - Background

Members of the CUT family of copper transporters are associated with copper homeostasis and are involved in the uptake, storage, delivery, and efflux of copper (Gupta et al., 1995 [PubMed 7635807]; Li et al., 2005 [PubMed 16182249]).

CUTC Antibody (Center) - References

Li, Y., et al. J. Struct. Biol. 169(3):399-405(2010)
Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)
Li, J., et al. Biochem. Biophys. Res. Commun. 337(1):179-183(2005)
Andersen, J.S., et al. Nature 433(7021):77-83(2005)
Gupta, S.D., et al. J. Bacteriol. 177(15):4207-4215(1995)