

CPPED1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17964b**Specification**

CPPED1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9BRF8
Other Accession	NP_060810.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35548
Antigen Region	211-237

CPPED1 Antibody (C-term) - Additional Information**Gene ID** 55313**Other Names**

Serine/threonine-protein phosphatase CPPED1, Calcineurin-like phosphoesterase domain-containing protein 1, Complete S-transactivated protein 1, CPPED1, CSTP1

Target/Specificity

This CPPED1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-237 amino acids from the C-terminal region of human CPPED1.

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

CPPED1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CPPED1 Antibody (C-term) - Protein Information**Name** CPPED1

Synonyms CSTP1

Function Protein phosphatase that dephosphorylates AKT family kinase specifically at 'Ser-473', blocking cell cycle progression and promoting cell apoptosis. May play an inhibitory role in glucose uptake by adipocytes.

Cellular Location

Cytoplasm.

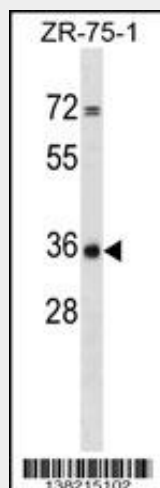
Tissue Location

Expressed in subcutaneous adipose tissue.

CPPED1 Antibody (C-term) - 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](#)

CPPED1 Antibody (C-term) - Images

CPPED1 Antibody (C-term) (Cat. #AP17964b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the CPPED1 antibody detected the CPPED1 protein (arrow).

CPPED1 Antibody (C-term) - Background

Belongs to the metallophosphoesterase superfamily. CPPED1 family.

CPPED1 Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Lamesch, P., et al. Genomics 89(3):307-315(2007)