10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CPPED1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17964b

Product Information

Application	WB, E
Primary Accession	Q9BRF8
Other Accession	NP_060810.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38215
Calculated MW	35548
Antigen Region	211-237

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.

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.

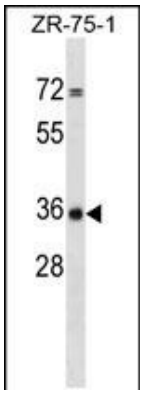
Background

Belongs to the metallophosphoesterase superfamily. CPPED1 family.

References

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

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.