

PEBP4 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19359c

Product Information

Application	WB, E
Primary Accession	Q96S96
Other Accession	NP_659399.2
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB40749
Calculated MW	25733
Antigen Region	100-127

Additional Information

Gene ID	157310
Other Names	Phosphatidylethanolamine-binding protein 4, PEBP-4, hPEBP4, Protein cousin-of-RKIP 1, PEBP4, CORK1
Target/Specificity	This PEBP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 100-127 amino acids from the Central region of human PEBP4.
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	PEBP4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PEBP4
Synonyms	CORK1

Function Promotes AKT phosphorylation, suggesting a possible role in the PI3K-AKT signaling pathway.

Cellular Location Secreted.

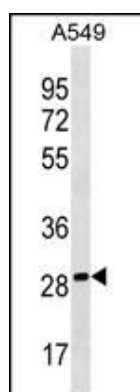
Background

The phosphatidylethanolamine (PE)-binding proteins, including PEBP4, are an evolutionarily conserved family of proteins with pivotal biologic functions, such as lipid binding and inhibition of serine proteases (Wang et al., 2004 [PubMed 15302887]).

References

Liu, H., et al. J. Biol. Chem. 285(29):21934-21942(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Trynka, G., et al. Gut 58(8):1078-1083(2009)
Garcia, R., et al. EMBO Rep. 10(3):278-284(2009)
Uhl, G.R., et al. Arch. Gen. Psychiatry 65(6):683-693(2008)

Images



PEBP4 Antibody (Center)(Cat. #AP19359c) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the PEBP4 antibody detected the PEBP4 protein (arrow).

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