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PEBP4 Rabbit pAb

Catalog # AP99826

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q96S96
Other Accession	Q96S96
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25733
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PEBP4
Epitope Specificity	151-227/227
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the phosphatidylethanolamine-binding protein family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]).[supplied by OMIM, Dec 2008]

Additional Information

Gene ID	157310
Other Names	CORK-1; CORK1; GWTM1933; HEL-S-300; PEBP-4; PRO4408; hPEBP4; PEBP4_HUMAN; PEBP4; Protein cousin-of-RKIP 1; phosphatidylethanolamine binding protein 4; cousin-of-RKIP 1 protein
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	PEBP4
Synonyms	CORK1

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

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