

PRAM1 Rabbit pAb

Catalog # AP97203

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96QH2
Other Accession	Q96QH2
Reactivity	Human
Predicted	Rat, Pig, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73969
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PRAM1
Epitope Specificity	551-650/718
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 SH3 domain.
Post-translational modifications	May be phosphorylated on tyrosines.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Complete remission of acute promyelocytic leukemia can be achieved by treating patients with retinoic acid, and PML-RAR-a (promyelocytic leukemia-retinoic acid receptor alpha fusion protein) plays a major role in mediating retinoic acid effects in leukemia cells. The retinoic acid-induced gene, PRAM-1 (PML-RAR-a target gene encoding an adaptor molecule 1) encodes an adaptor protein which is expressed and modulated during normal human myelopoiesis. PRAM-1 expression is hindered by expression of PML-RAR-a. The 718 amino acid PRAM-1 protein contains eight N-terminal proline-rich repeats and several proline residues that are clustered as type I or type II SH3 recognition motifs. PRAM-1 demonstrates expression in hematopoietic tissues and lung.

Additional Information

Gene ID	84106
Other Names	PML-RAR; PRAM-1; PRAM_HUMAN; PRAM1; PRAM; PML-RARA regulated adaptor molecule 1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	PRAM1
Function	May be involved in myeloid differentiation. May be involved in integrin signaling in neutrophils. Binds to PtdIns(4)P.
Tissue Location	Expressed in peripheral blood leukocytes and bone marrow. Expressed in monocytes, and to a lesser extent in granulocytes and lymphocytes. Not expressed in non hematopoietic tissues except in lung.

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