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ARPM1 Rabbit pAb

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Catalog # AP54881

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BYD9
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41008
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ARPM1
Epitope Specificity	231-330/372
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, cytoskeleton
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Actin-related proteins are classified into Arp subclasses according to their amino acid sequence similarity to Actin. Both Arps and Actin proteins have an ATPase domain, which catalyzes the decomposition of adenosine triphosphate (ATP) into adenosine diphosphate (ADP) and a free phosphate ion to release energy. ArpM1 (actin-related protein M1) is a 372 amino acid ubiquitously expressed protein that localizes to both the cytoplasm and the cytoskeleton and belongs to the Arp family of Actin-like proteins. The gene encoding ArpM1 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci.

Additional Information

Gene ID	84517
Other Names	Actin-related protein T3, ARP-T3, Actin-related protein M1, ACTRT3, ARPM1
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	ACTRT3
Synonyms	ARPM1
Cellular Location	Cytoplasm, cytoskeleton. Cytoplasm. Nucleus
Tissue Location	Ubiquitously expressed.

Background

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