

# ARPM1 Rabbit pAb

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Catalog # AP54881

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF, E
<b>Primary Accession</b>	<a href="#">Q9BYD9</a>
<b>Predicted</b>	Human, Mouse, Rat, Dog, Pig, Horse, Rabbit, Sheep
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	41008
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human ARPM1
<b>Epitope Specificity</b>	231-330/372
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cytoplasm, cytoskeleton
<b>SIMILARITY</b>	ARPM1 belongs to the actin family.
<b>SUBUNIT</b>	Interacts with PFN3.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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

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<b>Gene ID</b>	84517
<b>Other Names</b>	Actin-related protein T3, ARP-T3, Actin-related protein M1, ACTRT3, ARPM1
<b>Target/Specificity</b>	Ubiquitously expressed.
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500-10000
<b>Storage</b>	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

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<b>Name</b>	ACTRT3
<b>Synonyms</b>	ARPM1
<b>Cellular Location</b>	Cytoplasm, cytoskeleton. Cytoplasm. Nucleus
<b>Tissue Location</b>	Ubiquitously expressed.

## Background

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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.

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