



Rabbit Anti-ARPM1 antibody

SL12529R

Product Name:	ARPM1
Chinese Name:	肌动蛋白相关蛋白M1抗体
Alias:	Actin related protein M1; Actin-related protein T3; ARP-T3; ACTT3 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	41kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ARPM1:231-330/372
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Subunit:

Interacts with PFN3.

Subcellular Location:

Cytoplasm, cytoskeleton

Tissue Specificity:

Ubiquitously expressed.

Similarity:

ARPM1 belongs to the actin family.

SWISS:

Q9BYD9

Gene ID:

84517

Database links:

[Entrez Gene: 84517](#)Human

[Entrez Gene: 76652](#)Mouse

[Entrez Gene: 365763](#)Rat

[Omim: 608534](#)Human

[SwissProt: Q9BYD9](#)Human

[SwissProt: Q8BXF8](#)Mouse

[Unigene: 135411](#)Human

[Unigene: 106412](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.