

ARPM1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54881

Specification

ARPM1 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat, Pig, Dog
Host
Clonality
Calculated MW
Physical State

Q9BYD9
Rat, Pig, Dog
Rabbit
Polyclonal
41 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human ARPM1

Epitope Specificity 231-330/372

Isotype Purity

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Cytoplasm, cytoskeleton

SIMILARITY ARPM1 belongs to the actin family.

SUBUNIT Interacts with PFN3.

Important Note

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

Background Descriptions

affinity purified by Protein A

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.

ARPM1 Polyclonal Antibody - Additional Information

Gene ID 84517

Other Names

Actin-related protein T3, ARP-T3, Actin-related protein M1, ACTRT3, ARPM1

Target/Specificity
Ubiquitously expressed.

Dilution



IHC-P~~N/A<br \><span class
="dilution_IHC-F">IHC-F~~N/A<br \><span class
="dilution_IF">IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

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.

ARPM1 Polyclonal Antibody - Protein Information

Name ACTRT3

Synonyms ARPM1

Cellular LocationCytoplasm, cytoskeleton. Cytoplasm. Nucleus

Tissue Location Ubiquitously expressed.

ARPM1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

ARPM1 Polyclonal Antibody - Images