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Datasheet for ABIN4996850

**anti-ARPM1 antibody (AA 231-330) (Alexa Fluor 750)**

## Overview

Quantity:	100 µL
Target:	ARPM1
Binding Specificity:	AA 231-330
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARPM1 antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARPM1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	ARPM1
Alternative Name:	ARPM1 ( <a href="#">ARPM1 Products</a> )
Background:	Synonyms: Actin related protein M1, Actin-related protein T3, ARP-T3, ACTT3_HUMAN.



## Target Details

Background: 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.

Gene ID: 84517

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months