

Mouse ARF1 Monoclonal Antibody | anti-ARF1 antibody

ARF1 (Golgi Apparatus Marker)

CATALOG # AAA23921	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

ARF1; Monoclonal Antibody; ARF1 (Golgi Apparatus Marker); ADP-ribosylation factor 1; anti-ARF1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	ARF1/2117
Specificity	The ADP-ribosylation factor (ARF) family comprises a group of structurally and functionally conserved proteins, which are members of the Ras superfamily of regulatory GTP-binding proteins. The ARF family is divided functionally into the ARF and the ARF-like proteins. ARF's share more than 60% sequence identity, appear to be ubiquitous in eukaryotes, and are highly conserved evolutionarily. ARF is involved in intracellular protein traffic to and within the Golgi complex. ARF has a number of disparate activities including maintenance of organelle integrity, assembly of coat proteins, as a co-factor for cholera toxin and as an activator of phospholipase D.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	181
Applicable Applications for anti-ARF1 antibody	IHC (Immunohistochemistry)
Application Notes	Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)
Positive Control	HeLa cells. Kidney, Liver, Brain or Breast.
Immunogen	Recombinant full-length human ARF1 protein
Cellular Localization	Cytoplasmic (Golgi Apparatus)
Hu-chromosome Location	1q42.13
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified ARF1 Mouse Monoclonal Antibody (ARF1/2117). Confirmation of Integrity and Purity of the Antibody.



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded Rat Brain stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Breast stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Brain stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Liver stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Kidney stained with ARF1 Mouse Monoclonal Antibody (ARF1/2117).

ADDITIONAL INFORMATION

References	1. Puxeddu et al. 2009. Proc Natl Acad Sci U S A. 106(15):6158-63. 2. Austin et al. 2000. J Biol Chem. 275(29):21862-9.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51316985
NCBI GeneID	375
UniProt Accession #	P84077
Molecular Weight	20kDa
NCBI Official Full Name	ADP-ribosylation factor 1
NCBI Official Synonym Full Names	ADP ribosylation factor 1
NCBI Official Symbol	ARF1
NCBI Official Synonym Symbols	PVNH8
NCBI Protein Information	ADP-ribosylation factor 1
UniProt Protein Name	ADP-ribosylation factor 1
UniProt Gene Name	ARF1
UniProt Entry Name	ARF1_HUMAN

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