



Iba1 Monoclonal Antibody

Catalog No	YP-mAb-17935
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	AIF1 G1 IBA1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	AIF1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA0342;LBA1;lupus brain antigen 1;Lupus brain antigen 1 homolog;TRANK1; AIF1;AIF1 G1 IBA1;Allograft inflammatory factor 1 (AIF-1) (Ionized calcium-binding adapter molecule 1) (Protein G1)
Observed Band	~330 kDa
Calculated Molecular Weight	336 kDa
Cell Pathway	Cytoplasm, cytoskeleton . Cell projection, ruffle membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, phagocytic cup . Associated with the actin cytoskeleton at membrane ruffles and at sites of phagocytosis. .
Tissue Specificity	Detected in T-lymphocytes and peripheral blood mononuclear cells.
Function	function:May play a role in macrophage activation and function., PTM:Phosphorylated on serine residues.,similarity:Contains 2 EF-hand domains.,
Background	This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple



transcript variants, but the full-length and coding nature of some of these variants is not certain. [provided by RefSeq, Jan 2016],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images