

IBA1 Antibody

Rabbit mAb Catalog # AP92073

Specification

IBA1 Antibody - Product Information

Application WB, IHC, FC, ICC

Primary Accession
Clonality
Monoclonal
Other Names

IBA1; IRT1; AIF-1; IRT-1;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 16703 Da

IBA1 Antibody - Additional Information

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

IBA1

Description Actin-binding protein that enhances

membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC

signaling and in phagocytosis.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

IBA1 Antibody - Protein Information

Name AIF1

Synonyms G1, IBA1

Function

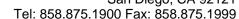
Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation.

Cellular Location

Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:070200}. Cell projection, ruffle membrane {ECO:0000250|UniProtKB:070200}; Peripheral membrane protein

{ECO:0000250|UniProtKB:070200}; Cytoplasmic side {ECO:0000250|UniProtKB:070200}. Cell







projection, phagocytic cup {ECO:0000250|UniProtKB:O70200}. Note=Associated with the actin cytoskeleton at membrane ruffles and at sites of phagocytosis {ECO:0000250|UniProtKB:070200}

Tissue Location

Detected in T-lymphocytes and peripheral blood mononuclear cells.

IBA1 Antibody - Protocols

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

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

IBA1 Antibody - Images