

Iba1 Rabbit mAb

Catalog # AP79011

Product Information

Application	WB, IHC-P, IP, ICC
Primary Accession	P55008
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	16703

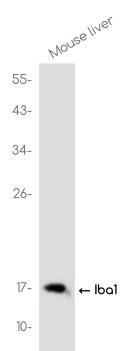
Additional Information

Gene ID	199
Other Names	AIF1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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:O70200}. Cell projection, ruffle membrane {ECO:0000250 UniProtKB:O70200}; Peripheral membrane protein {ECO:0000250 UniProtKB:O70200}; Cytoplasmic side {ECO:0000250 UniProtKB:O70200}. 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:O70200}
Tissue Location	Detected in T-lymphocytes and peripheral blood mononuclear cells.

Images



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