

Anti-AIF1 antibody



Description	Unconjugated Rabbit polyclonal to AIF1
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Model	STJ192269
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	199
Gene Symbol	AIF1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	AIF1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Detected in T-lymphocytes and peripheral blood mononuclear cells.
Purification	AIF1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Allograft inflammatory factor 1 AIF-1 Ionized calcium-binding adapter molecule 1 Protein G1
Molecular Weight	16 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	<u>HGNC:352</u> <u>OMIM:601833</u>
Alternative Names	Allograft inflammatory factor 1 AIF-1 Ionized calcium-binding adapter molecule 1 Protein G1
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 Localization	Cytoplasm, cytoskeleton Cell projection, ruffle membrane Cell projection, phagocytic cup. Associated with the actin cytoskeleton at membrane ruffles and at sites of phagocytosis.
Post-translational Modifications	Phosphorylated on serine residues.

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