

Iba1 Rabbit pAb

Catalog # AP53581

Product Information

Primary Accession	O70200
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	16911

Additional Information

Gene ID	11629
Other Names	G1; Iba1; AIF-1; AI607846; D17H6S50E
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

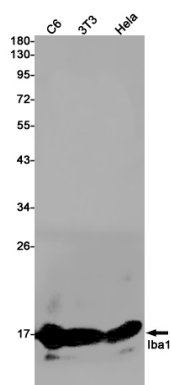
Protein Information

Name	Aif1
Synonyms	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. Cell projection, ruffle membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection, phagocytic cup Note=Associated with the actin cytoskeleton at membrane ruffles and at sites of phagocytosis.
Tissue Location	Abundantly expressed in the testis, moderately in the spleen and lymph nodes and at low levels in the liver and thymus Detected in macrophages.

Background

Swiss-Prot Acc.O70200.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.

Images



Western blot detection of Iba1 in C6,3T3,Hela cell lysates using Iba1 Rabbit pAb(1:1000 diluted).Predicted band size:17kDa.Observed band size:17kDa.

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