Iba1 Antibody

Catalog No: #48306

Package Size: #48306-1 50ul #48306-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

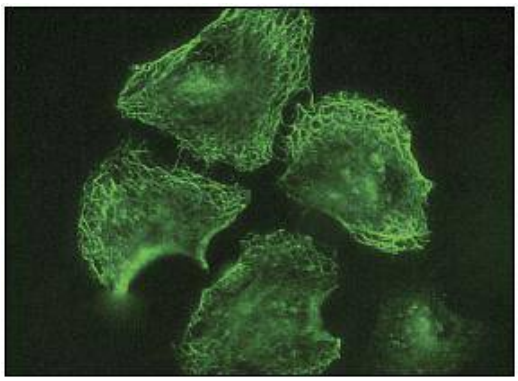
Description

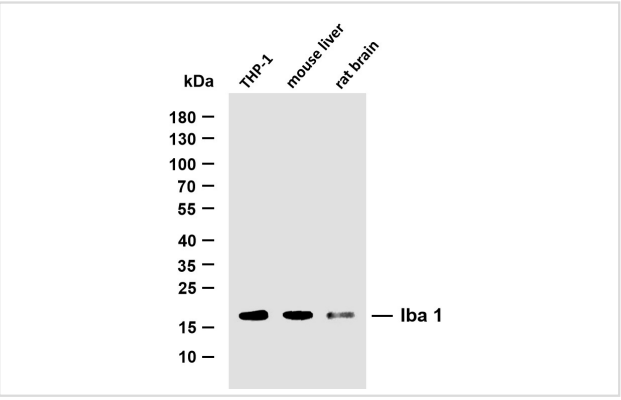
Product Name	Iba1 Antibody
Host Species	Mouse
Purification	ProA affinity purified
Applications	WB;IF;IHC;FC;IP
Species Reactivity	Human;Mouse;Rat
Immunogen Description	peptide
Conjugates	Unconjugated
Other Names	AIF 1 antibody AIF-1 antibody Aif1 antibody AIF1 protein antibody AIF1_HUMAN antibody Allograft inflammatory factor 1 antibody Allograft inflammatory factor 1 splice variant G antibody allograft inflammatory factor-1 splice variant Hara-1 antibody balloon angioplasty responsive transcription antibody BART 1 antibody G1 antibody G1 putative splice variant of allograft inflamatory factor 1 antibody IBA 1 antibody IBA1 antibody interferon gamma responsive transcript antibody Interferon responsive transcript 1 antibody interferon responsive transcript factor 1 antibody Ionized calcium binding adapter molecule 1 antibody Ionized calcium-binding adapter molecule 1 antibody ionized calcium-binding adapter molecule antibody IRT 1 antibody IRT1 antibody Microglia response factor antibody MRF1 antibody Protein g1 antibody
Accession No.	Swiss-Prot#:P55008
Calculated MW	17kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

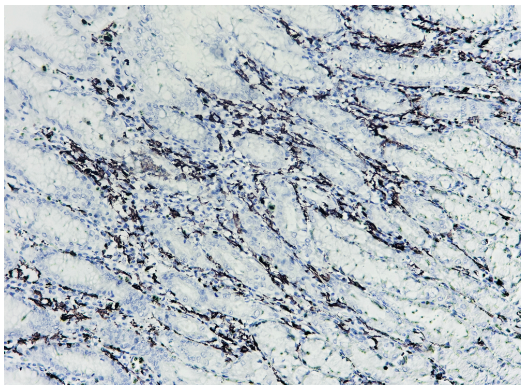
WB 1:500-2000; IHC 1:200-1000; IF 1:100-500;FC 1:200-1:1,000 ;IP 1:25-500

Images

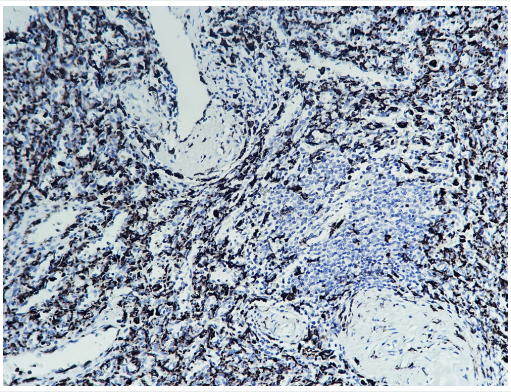




Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Iba 1 antibody.



Human stomach tissue was stained with Anti-Iba 1 Antibody



Human spleen tissue was stained with Anti-Iba 1 Antibody

Background

Ionized calcium-binding adapter molecule 1 (Iba1), also known as allograft inflammatory factor-1 (AIF-1), is a 147 amino acid cytoplasmic, calcium-binding protein that is thought to play a role in macrophage activation and function. Iba1, containing two EF domains, is induced by cytokines and interferons. In an unstimulated state, Iba1 colocalizes with actin, and upon stimulation, translocates to lamellipodia. It is also a marker of human microglia and is expressed by macrophages in injured skeletal muscle. The gene encoding Iba1 maps to chromosome 6p21.33 and resides in the tumor necrosis factor (TNF) cluster of genes located in the region represented by the human major histocompatibility complex (MHC).

References

1. Arroba AI et al. Autophagy resolves early retinal inflammation in Igf1-deficient mice. Dis Model Mech 9:965-74 (2016).2. James RE et al. Loss of galectin-3 decreases the number of immune cells in the subventricular zone and restores proliferation in a viral model of multiple sclerosis. Glia N/A:N/A (2015).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.