AIF1/IBA1 Rabbit PolymAb®

Catalog No.: A22530PM



Basic Information

Observed MW

17kDa

Calculated MW

17kDa

Category

Primary antibody

Applications

WB,IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple transcript variants, but the full-length and coding nature of some of these variants is not certain.

Recommended Dilutions

WB 1:500 - 1:1000

IF-P 1:50 - 1:200

IHC-P 1:1000 - 1:5000

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID199

Swiss Prot
P55008

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

IBA1; IRT1; AIF-1; IRT-1

Contact

a		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	ī	www.abclonal.com.cn

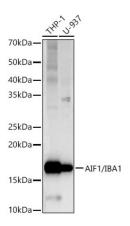
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



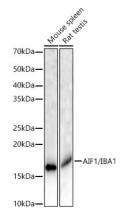
Western blot analysis of various lysates, using AIF1/IBA1 Rabbit PolymAb (A22530PM) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



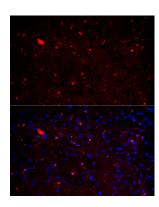
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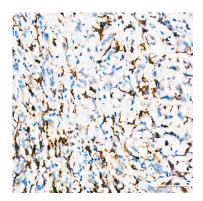
Exposure time: 180s.



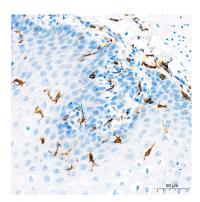
Immunofluorescence analysis of paraffinembedded rat brain using AIF1/IBA1 Rabbit PolymAb® (A22530PM) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.Perform microwave antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



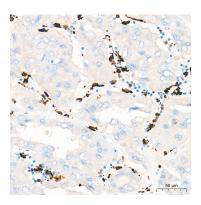
Immunohistochemistry analysis of paraffinembedded Human brain tissue using AIF1/IBA1 Rabbit PolymAb® (A22530PM) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human breast tissue using AIF1/IBA1 Rabbit PolymAb® (A22530PM) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human esophagus tissue using AIF1/IBA1 Rabbit PolymAb® (A22530PM) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver cancer tissue using AIF1/IBA1 Rabbit PolymAb® (A22530PM) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.