

A1527

Leader in Biomolecular Solutions for Life Science



AIF1/IBA1 Rabbit pAb

Catalog No.: A1527

11 Publications

Basic Information

Observed MW

17kDa

Calculated MW

17kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human

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

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

199

Swiss Prot

P55008

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-147 of human AIF1/IBA1 (NP_001614.3).

Synonyms

IBA1; IRT1; AIF-1; IRT-1; AIF1/IBA1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

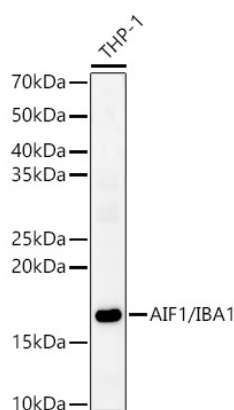
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from THP-1 cells, using AIF1/IBA1 Rabbit pAb (A1527) at 1:1000 dilution.

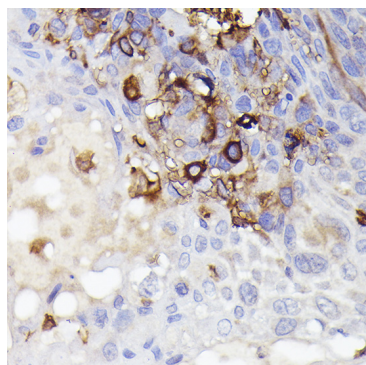
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

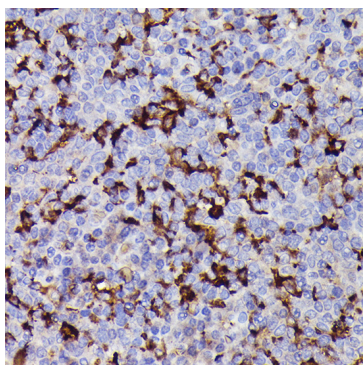
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using AIF1/IBA1 Rabbit pAb (A1527) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using AIF1/IBA1 Rabbit pAb (A1527) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.