

Goat AIF1/IBA1 Polyclonal Antibody | anti-AIF1 antibody

Goat anti-AIF1/IBA1 (isoform 3) Antibody

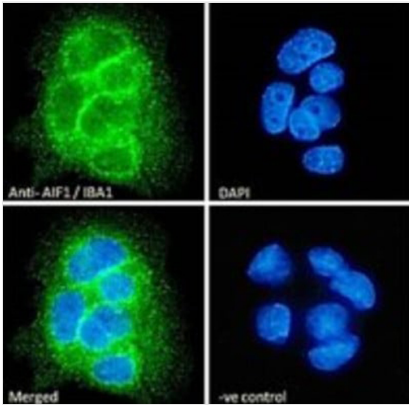
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13659	Goat	Tested: Human, Mouse Expected from sequence similarity: Human, Mouse, Dog	ELISA, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

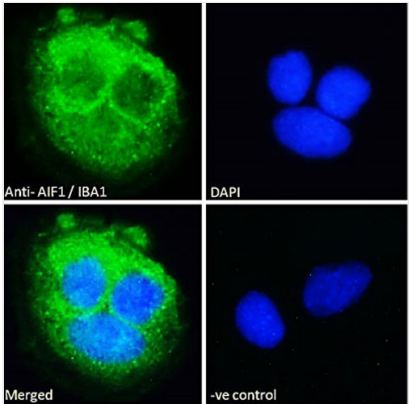
AIF1/IBA1; Polyclonal Antibody; Goat anti-AIF1/IBA1 (isoform 3) Antibody; Goat Anti-AIF1 / IBA1 (isoforms 1 + 3) Antibody; AIF1; IBA1; allograft inflammatory factor 1; DASS-82G15.2; AIF-1; IRT-1; Em: AF129756.17; interferon gamma responsive transcript; ionized calcium-binding adapter molecule; AIF1 antibody; IBA1 antibody; allograft inflammatory factor 1 antibody; DASS-82G15.2 antibody; AIF-1 antibody; IRT-1 antibody; Em: AF129756.17 antibody; interferon gamma responsive transcript antibody; ionized calcium-binding adapter molecule antibody; AIF1 / IBA1 (isoform 3); anti-AIF1 antibody

PRODUCT SPECIFICATIONS

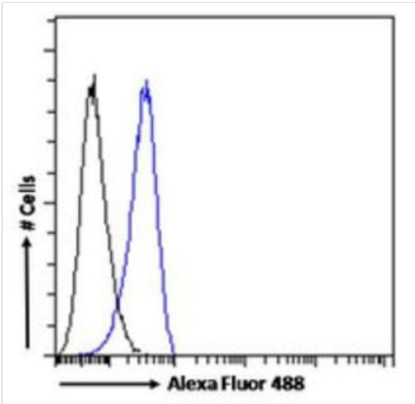
Host	Goat
Reactivity	Tested: Human, Mouse Expected from sequence similarity: Human, Mouse, Dog
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence	NKQFLDDPKY SSDED
Sequence Length	147
Applicable Applications for anti-AIF1 antibody	ELISA, IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Application Notes	ELISA: Antibody detection limit dilution 1:128000. IHC: In paraffin embedded human lung. Recommended concentration: 6µg/ml. FC: Flow cytometric analysis of K562 cells. Recommended concentration: 10ug/ml. IF: Strong expression of the protein seen in the cytoplasm of U937 and CaCo-2 cells. Recommended concentration: 10µg/ml.
Immunogen	Peptide with sequence C-NKQFLDDPKYSSDED, from the internal region of the protein sequence according to NP_001614.3.
Note	This antibody is expected to recognise isoform 3 (NP_001614.3) only.
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.



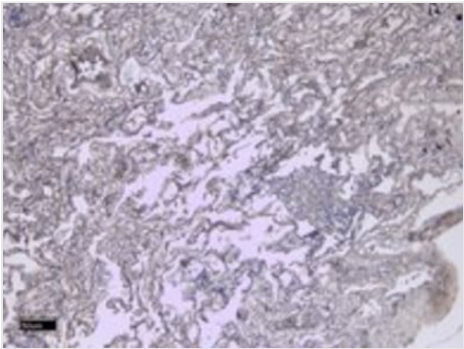
IF (Immunofluorescence)
Immunofluorescence analysis of paraformaldehyde fixed CaCo-2 cells immobilized on Shi-fix™ coverslip, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



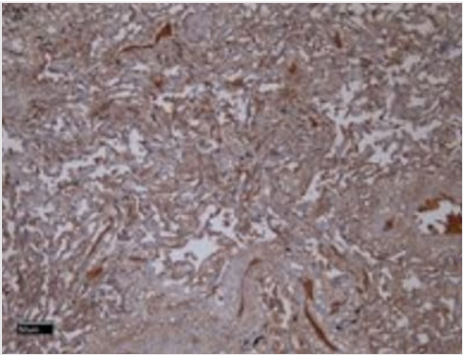
IF (Immunofluorescence)
Immunofluorescence analysis of paraformaldehyde fixed U937 cells immobilized on Shi-fix coverslip, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



FCM (Flow Cytometry)
Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody.



IHC (Immunohistochemistry)
Negative Control showing staining of paraffin embedded Human Lung, with no primary antibody.



IHC (Immunohistochemistry)
6µg/ml staining of paraffin embedded Human Lung. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14574568
NCBI GeneID	199

NCBI Accession #	NP_001614.3
NCBI GenBank Nucleotide #	NM_001623.4
NCBI Official Full Name	allograft inflammatory factor 1 isoform 3
NCBI Official Synonym Full Names	allograft inflammatory factor 1
NCBI Official Symbol	AIF1
NCBI Official Synonym Symbols	IBA1; IRT1; AIF-1; IRT-1
NCBI Protein Information	allograft inflammatory factor 1
UniProt Protein Name	Allograft inflammatory factor 1
UniProt Gene Name	AIF1
UniProt Synonym Gene Names	G1; IBA1; AIF-1
UniProt Entry Name	AIF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aif1-iba1-antibody-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/13659>