

Product Datasheet

AIF-1/Iba1 Antibody NBP1-06014

Unit Size: 0.1 mg

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

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NBP1-06014

AIF-1/Iba1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	16.7 kDa

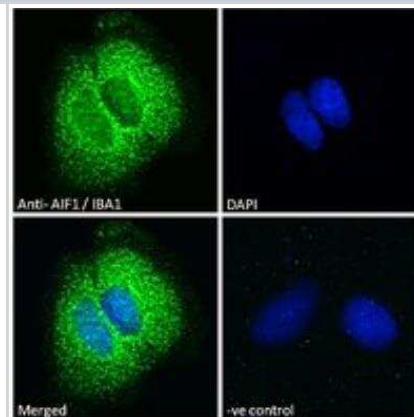
Product Description	
Host	Goat
Gene ID	199
Gene Symbol	AIF1
Species	Human
Marker	pan-Microglia Marker
Specificity/Sensitivity	This AIF-1/Iba1 Antibody is expected to recognise isoform 1 (NP_116573.1) and isoform 3 (NP_001614.3).
Immunogen	This AIF-1/Iba1 Antibody was developed against a peptide with sequence C-YEEKAREKEKP corresponding to C-Terminus according to NP_116573.1, NP_001614.3.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Flow Cytometry 10 ug/mL, Immunohistochemistry 2 - 4 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Immunohistochemistry-Paraffin 2 - 4 ug/mL, Peptide ELISA Detection limit 1:16000

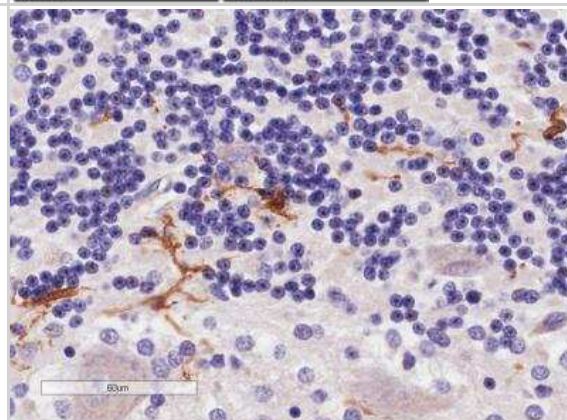


Images

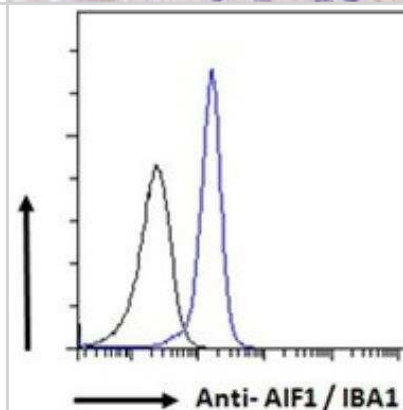
Immunocytochemistry/Immunofluorescence: AIF-1/Iba1 Antibody [NBP1-06014] - Immunofluorescence analysis of paraformaldehyde fixed Caco-2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr using AIF-1/Iba1 Antibody (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody [NBP1-06014] - Staining of paraffin embedded Human Cerebellum AIF-1/Iba1 Antibody at 4 ug/mL. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



Flow Cytometry: AIF-1/Iba1 Antibody [NBP1-06014] - Flow cytometric analysis of paraformaldehyde fixed K562 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) with AIF-1:Iba1 Antibody, followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Zhu X, Schrader JM, Irizarry BA et al. Impact of A β 40 and A β 42 Fibrils on the Transcriptome of Primary Astrocytes and Microglia *Biomedicines* 2022-11-19 [PMID: 36428550] (IHC-Fr, Rat)

Details:

Fifteen-month-old rTgF344-AD rat brain sections, dilution used 1:200

Kelemen SE, Autieri MV. Expression of allograft inflammatory factor-1 in T lymphocytes: a role in T-lymphocyte activation and proliferative arteriopathies. *Am J Pathol* 2005-08-01 [PMID: 16049345]



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Products Related to NBP1-06014

NBL1-07408	AIF-1/Iba1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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