

# Product Datasheet

## AIF-1/Iba1 Antibody - BSA Free NBP2-14276

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 2/23/2025 v.20.1

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**NBP2-14276**

AIF-1/Iba1 Antibody - BSA Free

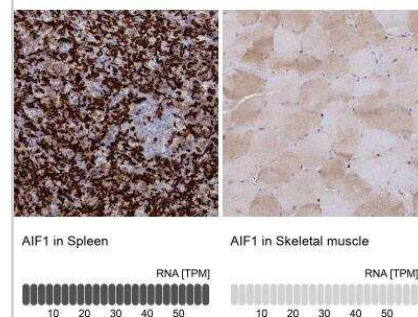
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	16.7 kDa

Product Description	
Host	Rabbit
Gene ID	199
Gene Symbol	AIF1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (84%).
Marker	pan-Microglia Marker
Immunogen	This AIF-1/Iba1 Antibody was developed against recombinant protein corresponding to amino acids: DEINKQFLDDPKYSSDEDLPSKLEG

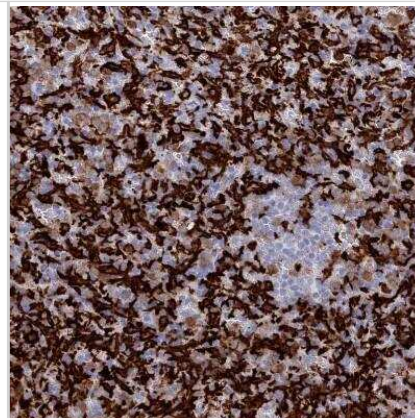
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

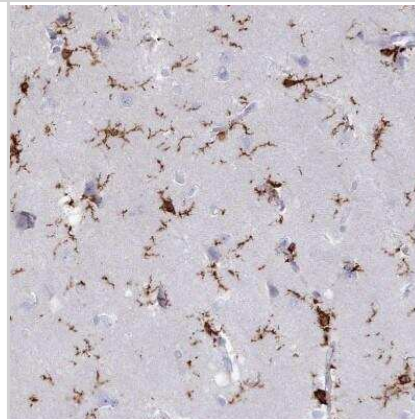
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody [NBP2-14276] - Analysis in human spleen and skeletal muscle tissues using . Corresponding AIF-1/Iba1 RNA-seq data are presented for the same tissues.



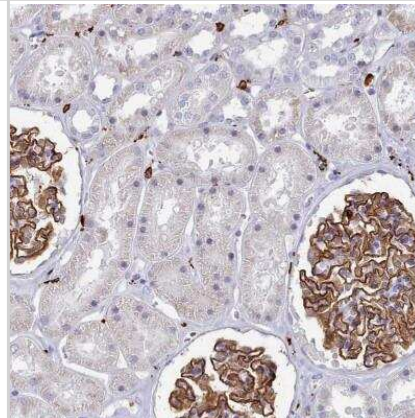
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody [NBP2-14276] - Staining of human spleen using AIF-1/Iba1 Antibody shows very strong membranous positivity in cells in red pulp.



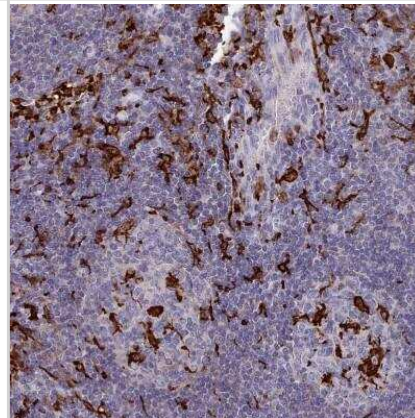
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody [NBP2-14276] - Staining of human cerebral cortex using AIF-1/Iba1 Antibody shows strong membranous positivity in glial cells.



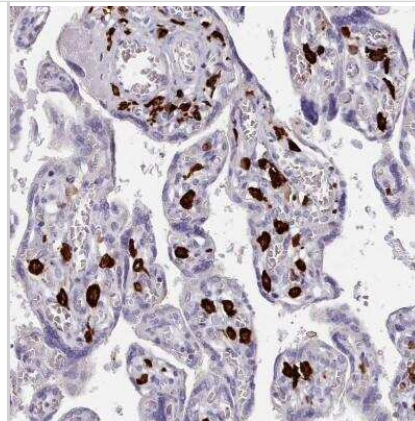
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody [NBP2-14276] - Staining of human kidney using AIF-1/Iba1 Antibody shows strong membranous positivity in cells in glomeruli.



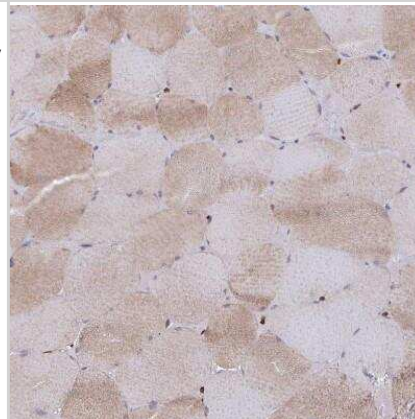
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody [NBP2-14276] - Staining of human lymphoid tissues using AIF-1/Iba1 Antibody shows very strong membranous positivity in non-germinal, and germinal center cells.



Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody [NBP2-14276] - Staining of human placenta using AIF-1/Iba1 Antibody shows very strong cytoplasmic positivity in Hofbauer cells.



Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody [NBP2-14276] - Staining of human skeletal muscle using AIF-1/Iba1 Antibody shows very weak cytoplasmic positivity in myocytes.



## Publications

Silva K, Hope-Lucas C, White T et al. Cortical neurons are a prominent source of the proinflammatory cytokine osteopontin in HIV-associated neurocognitive disorders. *J Neurovirol* 2015-04-01 [PMID: 25636782] (IF/IHC)



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### **Products Related to NBP2-14276**

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NBP2-14276PEP	AIF-1/Iba1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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