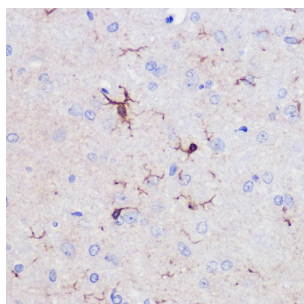
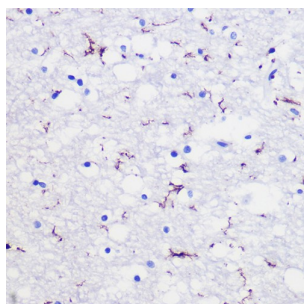


Allograft Inflammatory Factor 1 (AIF1) Antibody

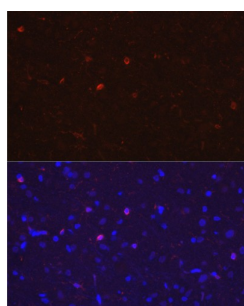
Catalogue No.: abx002264



Immunohistochemistry analysis of paraffin-embedded Rat brain using AIF1/IBA1 Antibody at dilution of 1/50 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human brain using AIF1/IBA1 Antibody at dilution of 1/50 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded rat brain using AIF1/IBA1 Antibody at dilution of 1/20 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

AIF1 Antibody is a Rabbit Polyclonal antibody against AIF1. This gene is induced by cytokines and interferon. Its protein product is thought to be involved in negative regulation of growth of vascular smooth muscle cells, which contributes to the anti-inflammatory response to vessel wall trauma. Three transcript variants encoding different isoforms have been found for this gene.

Target: Allograft Inflammatory Factor 1 (AIF1)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, IHC, IF/ICC

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 3.0.0
Revision date: 14 Jul 2025



| | |
|----------------------------|--|
| Conjugation: | Unconjugated |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-147 of human AIF1/IBA1. |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P55008 (UniProt , ExPASy) |
| Gene Symbol: | AIF1 |
| GeneID: | 199 |
| OMIM: | 601833 |
| HGNC: | 352 |
| KEGG: | hsa:199 |
| Ensembl: | ENSG00000204472 |
| String: | 9606.ENSP00000365227 |
| Molecular Weight: | Calculated MW: 17 kDa |
| Buffer: | PBS, pH 7.3, containing 0.01% thimerosal, 50% glycerol. |
| Concentration: | > 0.2 mg/ml |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |