

AIF1 / IBA1 Antibody (aa85-147)
Rabbit Polyclonal Antibody
Catalog # ALS16267**Specification**

AIF1 / IBA1 Antibody (aa85-147) - Product Information

Application	WB, IHC
Primary Accession	P55008
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17kDa KDa

AIF1 / IBA1 Antibody (aa85-147) - Additional Information**Gene ID** 199**Other Names**

Allograft inflammatory factor 1, AIF-1, Ionized calcium-binding adapter molecule 1, Protein G1, AIF1, G1, IBA1

Target/Specificity

Human AIF1 / IBA1

Reconstitution & Storage

Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

AIF1 / IBA1 Antibody (aa85-147) is for research use only and not for use in diagnostic or therapeutic procedures.

AIF1 / IBA1 Antibody (aa85-147) - Protein Information**Name** AIF1**Synonyms** G1, IBA1**Function**

Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation.

Cellular Location

Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:O70200}. Cell projection, ruffle membrane {ECO:0000250|UniProtKB:O70200}; Peripheral membrane protein

{ECO:0000250|UniProtKB:O70200}; Cytoplasmic side {ECO:0000250|UniProtKB:O70200}. Cell projection, phagocytic cup {ECO:0000250|UniProtKB:O70200}. Note=Associated with the actin cytoskeleton at membrane ruffles and at sites of phagocytosis {ECO:0000250|UniProtKB:O70200}

Tissue Location

Detected in T-lymphocytes and peripheral blood mononuclear cells.

Volume

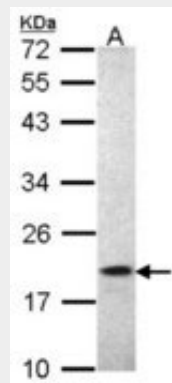
50 μ l

AIF1 / IBA1 Antibody (aa85-147) - Protocols

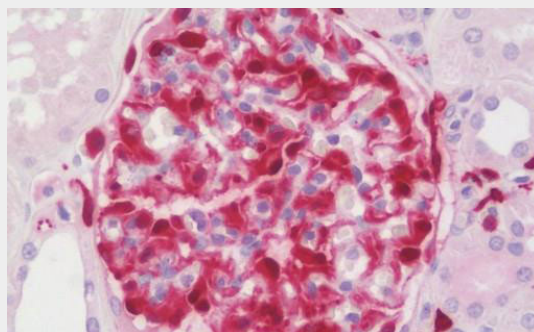
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

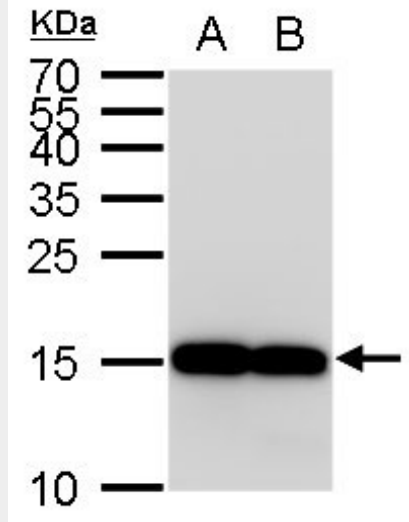
AIF1 / IBA1 Antibody (aa85-147) - Images



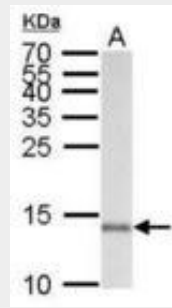
Sample (30 μ g of whole cell lysate).



Anti-AIF1 / IBA1 antibody IHC staining of human kidney.



A: 30 µg THP-1 whole cell lysate/extract.



A: 50 µg mouse brain lysate/extract. 15 % SDS-PAGE. AIF1 / IBA1 antibody diluted at 1:1000.

AIF1 / IBA1 Antibody (aa85-147) - Background

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AIF1 / IBA1 Antibody (aa85-147) - References

- Albertella M.R.,et al.Hum. Mol. Genet. 3:793-799(1994).
- Holzinger I.,et al.Immunogenetics 42:315-322(1995).
- Autieri M.V.,et al.Biochem. Biophys. Res. Commun. 228:29-37(1996).
- Utans U.,et al.Transplantation 61:1387-1392(1996).
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