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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.

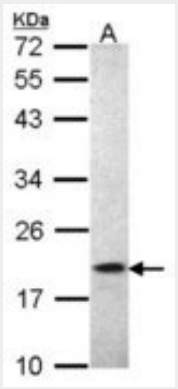
Volume
50 µl

AIF1 / IBA1 Antibody (aa85-147) - Protocols

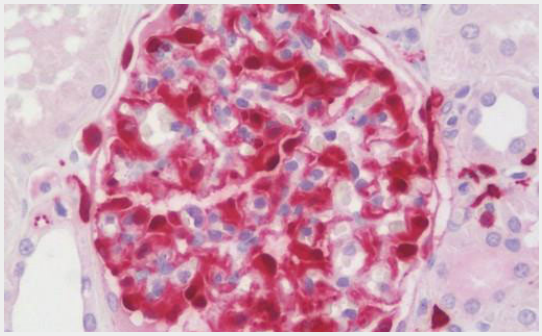
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

AIF1 / IBA1 Antibody (aa85-147) - Images

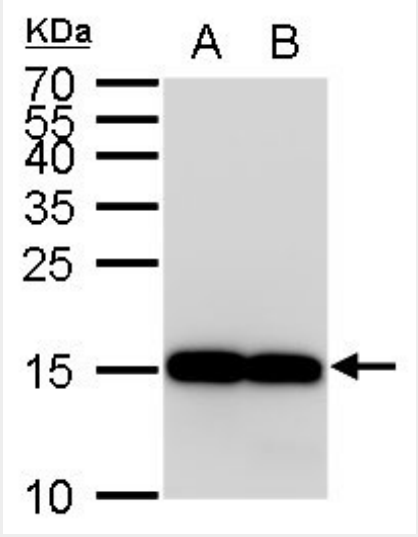


Sample (30 ug of whole cell lysate).

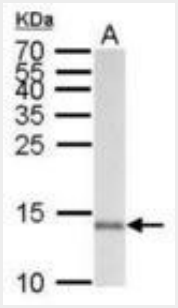


Anti-AIF1 / IBA1 antibody IHC staining of human kidney.

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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

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