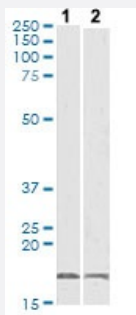


AIF1 polyclonal antibody

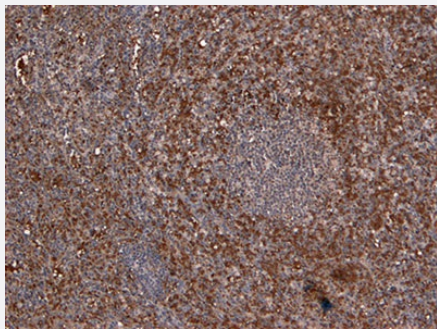
Catalog # PAB6158 Size 100 ug

Applications



Western Blot (Tissue lysate)

AIF1 polyclonal antibody (Cat # PAB6158) (0.5 ug/mL) staining of Mouse (1) and Rat (2) Brain lysate (35 ug protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

AIF1 polyclonal antibody (Cat # PAB6158) (6 ug/mL) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of AIF1.
Immunogen	A synthetic peptide corresponding to human AIF1.
Sequence	C-TGPPAKKAISELP
Host	Goat
Theoretical MW (kDa)	10.5, 16.7
Reactivity	Human, Mouse, Rat
Specificity	This antibody is expected to recognize isoform 1 (NP_116573.1) and isoform 3 (NP_001614.3).

Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:128000) Immunohistochemistry (4-6 ug/mL) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

AIF1 polyclonal antibody (Cat # PAB6158) (0.5 ug/mL) staining of Mouse (1) and Rat (2) Brain lysate (35 ug protein in RIPA buffer). Detected by chemiluminescence.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

[Protocol Download](#)

- Immunohistochemistry

AIF1 polyclonal antibody (Cat # PAB6158) (6 ug/mL) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AIF1

Entrez GeneID

[199](#)

Protein Accession#

[NP_116573.1;NP_001614.3](#)

Gene Name

AIF1

Gene Alias	AIF-1, IBA1, IRT-1
Gene Description	allograft inflammatory factor 1
Omim ID	601833
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000029354 OTTHUMP00000029356 interferon gamma responsive transcription factor 1 ionized calcium-binding adapter molecule

Publication Reference

- [IRT-1, a novel interferon-gamma-responsive transcript encoding a growth-suppressing basic leucine zipper protein.](#)

Autieri MV, Agrawal N.

The Journal of Biological Chemistry 1998 Jun; 273(24):14731.

Disease

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