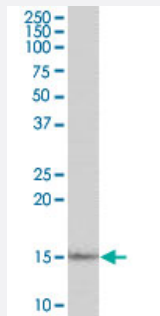


AIF1 polyclonal antibody

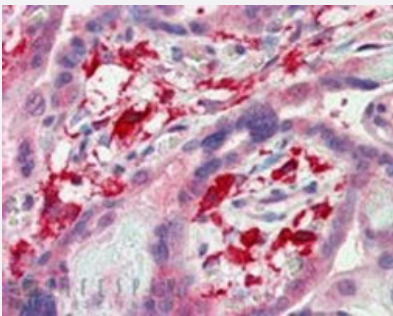
Catalog # PAB7034 Size 100 ug

Applications



Western Blot (Tissue lysate)

AIF1 polyclonal antibody (Cat # PAB7034) (1 ug/mL) staining of human lymph node lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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

AIF1 polyclonal antibody (Cat # PAB7034, 2.5 ug/mL) staining of paraffin embedded human placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of AIF1.
Immunogen	A synthetic peptide corresponding to human AIF1.
Sequence	C-YEEKAREKEKP
Host	Goat
Theoretical MW (kDa)	10.5, 16.7
Reactivity	Human
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 (1:16000) Western blot (1-3 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2-3 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)

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- 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 transcript ionized calcium-binding adapter molecule

Publication Reference

- [Expression of allograft inflammatory factor-1 in T lymphocytes: a role in T-lymphocyte activation and proliferative arteriopathies.](#)

Kelemen SE, Autieri MV.

The American Journal of Pathology 2005 Aug; 167(2):619.

Application: IHC, WB, WB-Tr, Human, Coronary artery, PBMCs, MOLT-4 cells

Disease

- [Abortion](#)
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