

Rabbit anti-Human, mouse AIF1 Polyclonal Antibody | anti-AIF1 antibody

AIF1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286647	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

AIF1; Polyclonal Antibody; AIF1 Antibody (N-term); Allograft inflammatory factor 1; AIF-1; Ionized calcium-binding adapter molecule 1; Protein G1; G1; IBA1; anti-AIF1 antibody

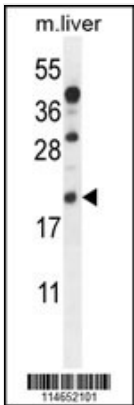
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AIF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 6-36 amino acids from the N-terminal region of human AIF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.26 (varies by lot)
Sequence Positions	6-36
Sequence Length	132
Applicable Applications for anti-AIF1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
AIF1 antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AIF1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
AIF1 Antibody (N-term) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the AIF1 antibody detected the AIF1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AIF1 antibody	AIF1 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.
Product Categories/Family for anti-AIF1 antibody	Cell Biology; Immunology; Metabolism; Signal Transduction
References	Clancy, R.M., et al. Arthritis Rheum. 62(11):3415-3424(2010) Ucisik-Akkaya, E., et al. Mol. Hum. Reprod. 16(10):770-777(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Jia, J., et al. Pediatr. Res. 67(1):29-34(2010) Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	14574568
NCBI GeneID	199
NCBI Accession #	NP_001614.3; NP_004838.1; NP_116573.1
NCBI GenBank Nucleotide #	NM_001623.3
UniProt Accession #	P55008; O43904; Q9UIV4; Q9UKS9; A8K406
Molecular Weight	16703
NCBI Official Full Name	allograft inflammatory factor 1 isoform 3
NCBI Official Synonym Full Names	allograft inflammatory factor 1
NCBI Official Symbol	AIF1
NCBI Official Synonym Symbols	IBA1; IRT1; AIF-1; IRT-1
NCBI Protein Information	allograft inflammatory factor 1
UniProt Protein Name	Allograft inflammatory factor 1
UniProt Gene Name	AIF1
UniProt Synonym Gene Names	G1; IBA1; AIF-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/aif1-antibody-immunohistochemistry-western-blot-elisa/286647>