

Mouse anti-Human AHA1 Monoclonal Antibody | anti-AHA1 antibody

AHA1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48162	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

AHA1; Monoclonal Antibody; AHA1 antibody; Activator of Hsp90 ATPase-1; Activator of Hsp90 ATPase-1 (AHA1; 19-337); Activator of Hsp90 ATPase protein 1; Hsp90 co-chaperone AHA1; Activator of Hsp90 ATPase-1 Activator of 90 kDa heat shock protein ATPase homolog 1; Activator of heat shock 90kDa protein ATPase homolog 1; AHA 1; AHA1; AHA1; C14orf3; HSPC322; p38.; anti-AHA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT3E9
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	338
Applicable Applications for anti-AHA1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human AHA1 (19-337aa) purified from E. coli
Clone Note	Anti-human AHA1 mAb, clone AT3E9, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human AHA1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of AHA1 in Hep3B cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human AHA1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of AHA1 in A549 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human AHA1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The Recombinant Human AHA1 (50ng) and Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human AHA1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : AHA1 Recombinant protein Lane 2. : MCF-7 cell lysate Lane 3. : PC-3 cell lysate Lane 4. : 293T cell lysate Lane 5. : HeLa cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-AHA1 antibody	The Co-chaperone AHA1 (Activator of HSP90 ATPase-1) is proposed to function as an ATPase activating protein. May affect a step in the endoplasmic reticulum to Golgi trafficking. It expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.
Product Categories/Family for anti-AHA1 antibody	Heat Shock Proteins; Signal Transduction
References	Meyer P., et al. (2004) EMBO. 23 (6): 1402-1410. ; Siligardi G., et al. (2004) J Biol Chem. 270 (50): 51989-51998.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912280
NCBI GeneID	10598
NCBI Accession #	NP_036243
NCBI GenBank Nucleotide #	NM_012111.2
UniProt Accession #	O95433; Q96IL6; Q9P060; B2R9L2; B4DUR9
Molecular Weight	32,340 Da
NCBI Official Full Name	activator of 90 kDa heat shock protein ATPase homolog 1 isoform 1
NCBI Official Synonym Full Names	activator of HSP90 ATPase activity 1
NCBI Official Symbol	AHSA1
NCBI Official Synonym Symbols	p38; AHA1; hAha1; C14orf3
NCBI Protein Information	activator of 90 kDa heat shock protein ATPase homolog 1
UniProt Protein Name	Activator of 90 kDa heat shock protein ATPase homolog 1
UniProt Gene Name	AHSA1
UniProt Synonym Gene Names	C14orf3; AHA1

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://stage.aaabiotech.com/monoclonal/aha1-antibody-clone-at3e9-immunofluorescence-immunocytochemistry-western-blot-elisa/48162>