

Rabbit AHSA1 Polyclonal Antibody | anti-AHSA1 antibody

AHSA1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288846	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

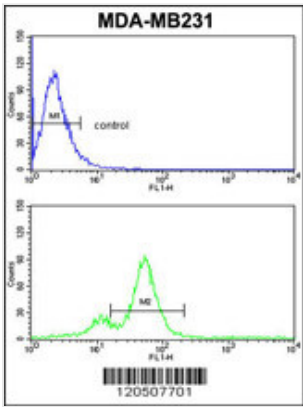
PRODUCT SYNONYMS

AHSA1; Polyclonal Antibody; AHSA1 Antibody (N-term); Activator of 90 kDa heat shock protein ATPase homolog 1; AHA1; p38; C14orf3; anti-AHSA1 antibody

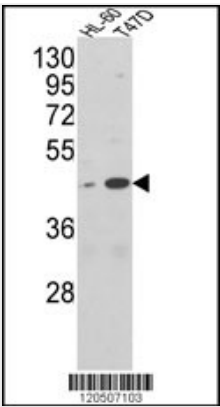
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AHSA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human AHSA1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	338
Applicable Applications for anti-AHSA1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Cellular Location	Cytoplasm, cytosol. Endoplasmic reticulum. Note= May transiently interact with the endoplasmic reticulum
Tissue Location	Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.
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



FCM/FACS (Flow Cytometry)
AHSA1 Antibody (N-term) flow cytometric analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of AHSA1 Antibody (N-term) in HL-60, T47D cell line lysates (35ug/lane). AHSA1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-AHSA1 antibody	AHSA1 is a cochaperone that stimulates HSP90 ATPase activity. This protein may affect a step in the endoplasmic reticulum to Golgi trafficking.
Product Categories/Family for anti-AHSA1 antibody	Signal Transduction
References	Wang,X.,et. al., Cell 127 (4), 803-815 (2006) Panaretou,B., et. al., Mol. Cell 10 (6), 1307-1318 (2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912280
NCBI GeneID	10598
NCBI Accession #	NP_036243.1
NCBI GenBank Nucleotide #	NM_012111.2
UniProt Accession #	O95433; Q96IL6; Q9P060; B2R9L2; B4DUR9
Molecular Weight	38274
NCBI Official Full Name	activator of 90 kDa heat shock protein ATPase homolog 1
NCBI Official Synonym Full Names	AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast)
NCBI Official Symbol	AHSA1
NCBI Official Synonym Symbols	p38; AHA1; 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
UniProt Entry Name	AHSA1_HUMAN

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.

