

Mouse anti-Human HAX1 Monoclonal Antibody | anti-HAX1 antibody

HAX1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48056	Mouse	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

HAX1; Monoclonal Antibody; HAX1 antibody; HCLS1 associated protein X-1; HS1BP1; HCLSBP1; HCLS1 (and PKD2) associated protein; anti-HAX1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	AT3C5
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	279
Applicable Applications for anti-HAX1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human HAX1 (1-279aa) purified from E. coli
Clone Note	Anti-human HAX1 mAb, clone AT3C5, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human HAX1 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 HAX1 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human HAX1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The HeLa cell lysate (30ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human HAX1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. The Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human HAX1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Raji cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-HAX1 antibody	HAX1 is known to associate with hematopoietic cell-specific Lyn substrate 1 (HS1), one of the substrates of receptor-coupled tyrosine kinases activated during clonal expansion and deletion in lymphoid cells. It also interacts with the product of the polycystic kidney disease 2 (PKD2) gene and with the F-actin-binding protein, cortactin. HAX1 is also reported to bind to hairpin structures in vimentin and DNA polymerase beta mRNAs, so may play a role in mRNA stability and transport. It may also function in promoting cell survival. Defects in HAX1 are the cause of autosomal recessive severe congenital neutropenia 3 (SCN3) also called Kostmann disease.
Product Categories/Family for anti-HAX1 antibody	Metabolism
References	Klein C, et al., (2007) Nat Genet. 39 (1):86-92; Yin H, et al., (2001) Cytokine. 15 (3):122-37

NCBI AND UNIPROT INFORMATION

NCBI GI #	13435356
NCBI GeneID	10456
NCBI Accession #	NP_006109
NCBI GenBank Nucleotide #	NM_006118.3
UniProt Accession #	O00165; Q5VYD5; Q5VYD7; Q96AU4; Q9BS80; A8W4W9; A8W4X0; B4DUJ7
Molecular Weight	21,801 Da
NCBI Official Full Name	HCLS1-associated protein X-1 isoform a
NCBI Official Synonym Full Names	HCLS1 associated protein X-1
NCBI Official Symbol	HAX1
NCBI Official Synonym Symbols	SCN3; HS1BP1; HCLSBP1
NCBI Protein Information	HCLS1-associated protein X-1
UniProt Protein Name	HCLS1-associated protein X-1
UniProt Gene Name	HAX1
UniProt Synonym Gene Names	HS1BP1; HAX-1; HSP1BP-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://stage.aaabiotech.com/monoclonal/hax1-antibody-clone-at3c5-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/48056>