

Rabbit anti-Human, Mouse HAX1 Polyclonal Antibody | anti-HAX1 antibody

HAX1 Polyclonal Antibody

CATALOG # AAA279735	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HAX1; Polyclonal Antibody; HAX1 Polyclonal Antibody; SCN3; HS1BP1; HCLSBP1; anti-HAX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	279
Applicable Applications for anti-HAX1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human HAX1
Calculated Molecular Weight	31kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



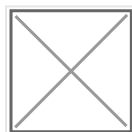
IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using HAX1 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using HAX1 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HAX1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-HAX1 antibody	The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn substrate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in which are associated with autosomal-dominant polycystic kidney disease, and with the F-actin-binding protein, cortactin. It was earlier thought that this gene product is mainly localized in the mitochondria, however, recent studies indicate it to be localized in the cell body. Mutations in this gene result in autosomal recessive severe congenital neutropenia, also known as Kostmann disease. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-HAX1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20141308
NCBI GeneID	10456
UniProt Accession #	O00165; Q5VYD5; Q5VYD7; Q96AU4; Q9BS80; A8W4W9; A8W4X0; B4DUJ7
Molecular Weight	279
NCBI Official Full Name	HCLS1-associated protein X-1
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; HAX-1; HSP1BP-1; HS1 binding protein; HS1-binding protein 1; HS1-associating protein X-1; HCLS1 (and PKD2) associated protein
UniProt Protein Name	HCLS1-associated protein X-1
UniProt Gene Name	HAX1
UniProt Synonym Gene Names	HS1BP1; HAX-1; HSP1BP-1
UniProt Entry Name	HAX1_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.