

Datasheet for ABIN6141633
anti-HAX1 antibody (AA 1-279)

3 Images

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Overview

Quantity:	100 µL
Target:	HAX1
Binding Specificity:	AA 1-279
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-279 of human HAX1 (NP_006109.2).
Sequence:	MSLFDLFRGF FGFPGRSHR DPFFGGMTRD EDDDEEEEE GGSWGRGNPR FHSPQHPPEE FGFGFSFSPG GGIRFHDNFG FDDLVRDFNS IFSDMGAWTL PSHPELPGP ESETPGERLR EGQTLRDSML KYPDSHQPRI FGGVLESDAR SESPQPAPDW GSQRPFHRFD DVWPMDPHPR TREDNDLDSQ VSQEGLGPVL QPQPKSYFKS ISVTKITKPD GIVEERRTVV DSEGRTEETV TRHEADSSPR GDPESPRPPA LDDAFSILDL FLGRWFRSR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

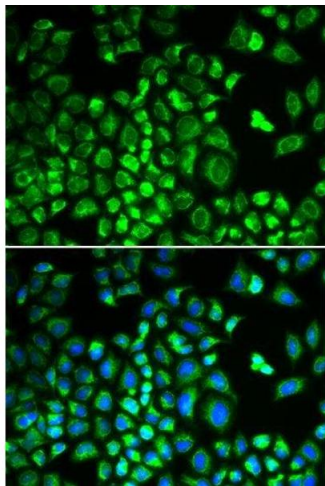
Target:	HAX1
Alternative Name:	HAX1 (HAX1 Products)
Background:	The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn substrate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in 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.,HAX1,HCLSBP1,HS1BP1,SCN3,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Apoptosis,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,HAX1
Molecular Weight:	14 kDa/21 kDa/26 kDa/28 kDa/31 kDa/32 kDa
Gene ID:	10456
UniProt:	O00165
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:10 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

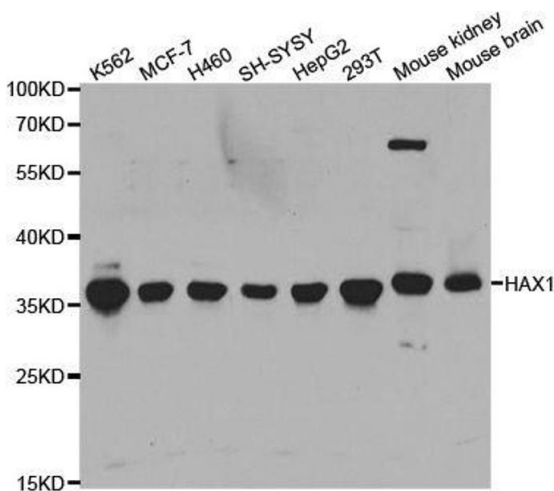
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



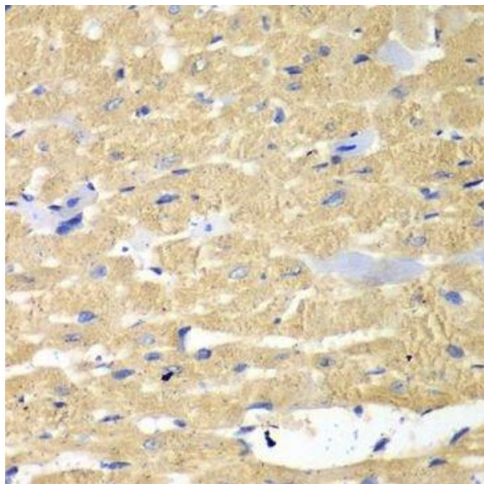
Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells using HAX1 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using HAX1 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded mouse heart using HAX1 antibody.