

Datasheet for ABIN952684  
**anti-HAX1 antibody (C-Term)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	0.4 mL
Target:	HAX1
Binding Specificity:	AA 160-190, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAX1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 160-190 amino acids from the C-terminal region of Human HAX1.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HAX1 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	HAX1
Alternative Name:	HAX1 ( <a href="#">HAX1 Products</a> )

## Target Details

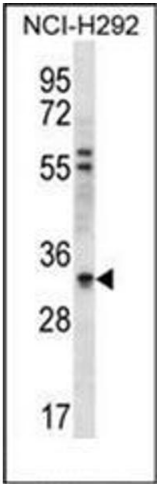
Background:	The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn substrate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in which are associated with autosomal-dominant polycystic 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.Synonyms: HAX-1, HCLS1-associated protein X-1, HS1-associating protein X-1, HS1-binding protein 1, HS1BP1
Molecular Weight:	31621 Da
Gene ID:	10456
NCBI Accession:	<a href="#">NP_001018238</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

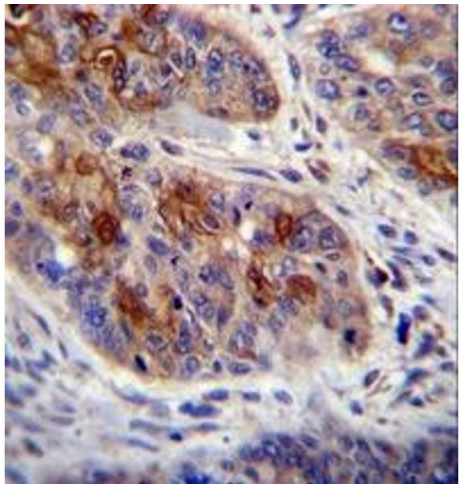
## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Western Blotting

**Image 1.** Western blot analysis of HAX1 Antibody (C-term) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the HAX1 antibody detected the HAX1 protein (arrow).



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human esophageal carcinoma reacted with HAX1 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.