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Product datasheet for TA340094

HAX1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HAX1 antibody: synthetic peptide directed towards the middle region of human HAX1. Synthetic peptide located within the following region: LPGPESETPGERLREGQTLRDSMLKYPDSHQPRIFGGVLESDARSESPQP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	HCLS1 associated protein X-1
Database Link:	NP_006109 Entrez Gene 23897 MouseEntrez Gene 10456 Human O00165

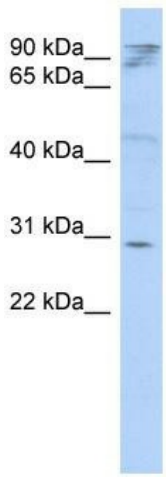
View online »

Background: HAX1 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.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: HCLSBP1; HS1BP1; SCN3

Note: Immunogen Sequence Homology: Pig: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Dog: 93%; Rat: 93%; Bovine: 86%; Horse: 85%

Product images:



WB Suggested Anti-HAX1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: COLO205 cell lysateHAX1 is supported by BioGPS gene expression data to be expressed in COLO205