

**AHCTF1 (S1232) Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20765b****Specification**

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**AHCTF1 (S1232) Antibody - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q8WYP5</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

**AHCTF1 (S1232) Antibody - Additional Information****Gene ID** 25909**Other Names**

Protein ELYS, Embryonic large molecule derived from yolk sac, Protein MEL-28, Putative AT-hook-containing transcription factor 1, AHCTF1, ELYS, TMBS62

**Target/Specificity**

This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1210-1260 amino acids from human AHCTF1.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

AHCTF1 (S1232) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**AHCTF1 (S1232) Antibody - Protein Information****Name** AHCTF1**Synonyms** ELYS, TMBS62**Function** Required for the assembly of a functional nuclear pore complex (NPC) on the surface of

chromosomes as nuclei form at the end of mitosis. May initiate NPC assembly by binding to chromatin and recruiting the Nup107-160 subcomplex of the NPC. Also required for the localization of the Nup107-160 subcomplex of the NPC to the kinetochore during mitosis and for the completion of cytokinesis.

#### Cellular Location

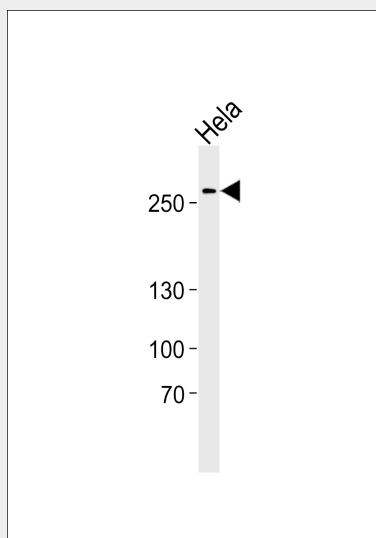
Cytoplasm {ECO:0000250|UniProtKB:Q8CJF7}. Nucleus. Nucleus envelope Nucleus matrix. Chromosome, centromere, kinetochore Nucleus, nucleoplasm. Nucleus, nuclear pore complex. Note=Localizes to the nuclear pore complex (NPC) throughout interphase. Localizes to the kinetochore from prophase, and this appears to require the Nup107-160 subcomplex of the NPC. Localizes to the periphery of chromatin from late anaphase.

### AHCTF1 (S1232) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### AHCTF1 (S1232) Antibody - Images



Western blot analysis of lysate from HeLa cell line, using Phospho-human-AHCTF1 (S1232). ctrl(Cat. #AP20765b). AP20765b was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

### AHCTF1 (S1232) Antibody - Background

Required for the assembly of a functional nuclear pore complex (NPC) on the surface of chromosomes as nuclei form at the end of mitosis. May initiate NPC assembly by binding to chromatin and recruiting the Nup107-160 subcomplex of the NPC. Also required for the localization of the Nup107-160 subcomplex of the NPC to the kinetochore during mitosis and for the completion

of cytokinesis.

#### **AHCTF1 (S1232) Antibody - References**

Kimura N.,et al.Genes Cells 7:435-446(2002).  
Lightfoot J.,et al.Submitted (OCT-2002) to the EMBL/GenBank/DDBJ databases.  
Gregory S.G.,et al.Nature 441:315-321(2006).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Liu B.,et al.Submitted (JUL-1999) to the EMBL/GenBank/DDBJ databases.