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

Specification

AHCTF1 (S1232) Antibody - Product Information

Application	**WB,E**
Primary Accession	Q8WYP5
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.

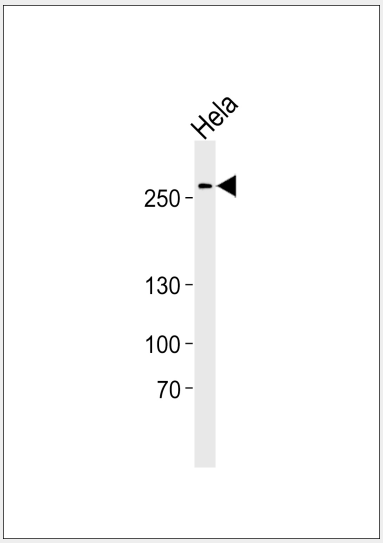
Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:Q8CJF7}. Nucleus. Nucleus envelope Nucleus matrix. Chromosome, centromere, kinetochore Nucleus, nucleoplasm. Nucleus, nuclear pore complex. Note=Localizes to the nuclear pore complex (NPC) throughout interphase. Localizes to the kinetochore from prophase, 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 Cytomety
- 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.