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Datasheet for ABIN1405203

anti-AHCTF1 antibody (AA 470-520) (Alexa Fluor 350)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | AHCTF1 |
| Binding Specificity: | AA 470-520 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AHCTF1 antibody is conjugated to Alexa Fluor 350 |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-------------------|--|
| Immunogen: | KLH conjugated synthetic peptide derived from human ELYS |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | AHCTF1 |
| Alternative Name: | ELYS (AHCTF1 Products) |
| Background: | Synonyms: ahctf1, AT hook containing transcription factor 1, DKFZp434N093, ELYS, AT-hook-containing transcription factor 1, ELYS transcription factor like protein TMBS62, ELYS_HUMAN, |

Target Details

Embryonic large molecule derived from yolk sac, MST108, MSTP108, Protein ELYS, Protein MEL-28, Putative AT-hook-containing transcription factor 1, TMBS62.

Background: ELYS is a protein of the nuclear matrix that contains one AT hook DNA-binding domain. ELYS is a dual nucleoporin/kinetochore protein required for nuclear pore assembly and proper cell division. Nuclear pores span the nuclear envelope and act as gated aqueous channels to regulate the transport of macromolecules between the nucleus and cytoplasm, from individual proteins and RNAs to entire viral genomes. The A.T. hook near the C-terminus of likely indicates ELYS can function as a transcription factor which may play a specific role in hematopoietic tissues. It also may play a role in early embryo development, as ELYS is critical for the survival of inner cells of the blastocyst.

Gene ID: 25909

UniProt: [Q8WYP5](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months