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Datasheet for ABIN1405204

**anti-AHCTF1 antibody (AA 470-520) (Alexa Fluor 488)**

## 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 488
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 ( <a href="#">AHCTF1 Products</a> )
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