

A Reliable Research Partner in Life Science and Medicine

Recombinant ELP4 Monoclonal Antibody

catalog number: AN301770L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Rat; Mouse

Immunogen Recombinant human ELP4 fragment

HostRabbitIsotype IgG, κ CloneA478

Purification Protein A purified

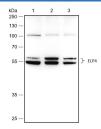
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:500-1:1000

IF 1:50 **IP** 1:25-1:50

Data

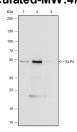


Western Blot with ELP4 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: NIH-3T3, Lane 3: BRL

Immunofluorescent analysis of (100% Ice-cold methanol) fixed HepG2 cells using anti-ELP4 Monoclonal Antibody at dilution of 1:50.

Rev. V1.1

Observed-MW:53, 59kDa Calculated-MW:47 kDa



Immunoprecipitation analysis using anti-ELP4 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using ELP4 Monoclonal Antibody at a dilution of 1:50. Lane 1: 5% Input, Lane 2: ELP4 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:53, 59kDa Calculated-MW:47 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

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Elongator Acetyltransferase Complex Subunit 4 (ELP4) is a multiprotein complex associated with the RNA polymerase II (Pol II) holoenzyme, and which is involved in transcriptional elongation involved in the pathway 5-methoxycarbonylmethyl-2-thiouridine-tRNA biosynthesis. The elongator complex catalyzes formation of carboxy methyluridine in the wobble base at position 34 in tRNAs. Diseases associated with ELP4 include Aniridia 2 and Coloboma of Optic Nerve. Among its related pathways are Mesodermal Commitment Pathway and Chromatin organization.

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