

Recombinant ELP4 Monoclonal Antibody

catalog number: **AN301770L**

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

Description

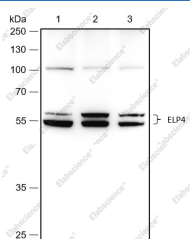
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of Human ELP4
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111392
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

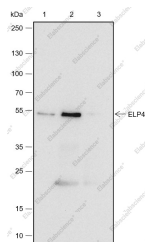
WB	1:1000
IHC-P	1:200-1:500
ICC/IF	1:100-1:200

Data



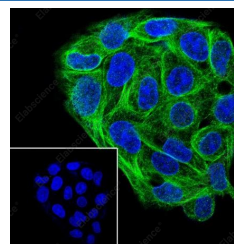
Western Blot with ELP4 Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa, Lane 2: NIH-3T3, Lane 3: BRL

Observed-MW:47 kDa
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:47 kDa
Calculated-MW:47 kDa



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

Preparation & Storage

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

For Research Use Only

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Rev. V1.5

Background

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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