

ARG45453 anti-ELP2 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ELP2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ELP2
Species	Human
Immunogen	Recombinant protein containing to human ELP2.
Conjugation	Un-conjugated
Alternate Names	ELP2; Elongator Acetyltransferase Complex Subunit 2; STATIP1; StIP; Signal Transducer And Activator Of Transcription 3 Interacting Protein 1; Elongator Complex Protein 2; STAT3-Interacting Protein 1; FLJ10879; SHINC-2; Elongation Protein 2 Homolog (S. Cerevisiae); Elongation Protein 2 Homolog; Elongator Protein 2; MRT58; StIP1

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	93 kDa	

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

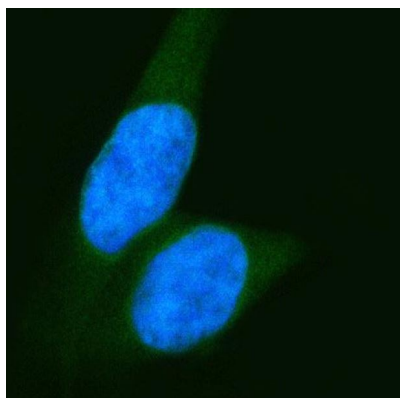
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

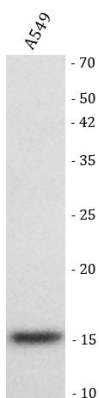
Gene Symbol	ELP2
Gene Full Name	Elongator Acetyltransferase Complex Subunit 2
Background	The protein encoded by this gene is a core subunit of the elongator complex, a histone acetyltransferase complex that associates with RNA polymerase II. In addition to histone acetylation, the encoded protein effects transcriptional elongation and may help remodel chromatin. [provided by RefSeq, May 2016]
Function	Component of the elongator complex which is required for multiple tRNA modifications, including mcm5U (5-methoxycarbonylmethyl uridine), mcm5s2U (5-methoxycarbonylmethyl-2-thiouridine), and ncm5U (5-carbamoylmethyl uridine). [UniProt]
Calculated Mw	93 kDa
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

Images



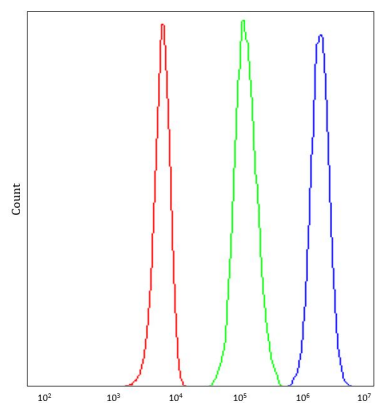
ARG45453 anti-ELP2 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45453 anti-ELP2 antibody at 5 µg/ml dilution.



ARG45453 anti-ELP2 antibody WB image

Western blot: MCF-7 stained with ARG45453 anti-ELP2 antibody at 0.5 µg/ml dilution.



ARG45453 anti-ELP2 antibody FACS image

Flow Cytometry: K562 stained with ARG45453 anti-ELP2 antibody at 1 µg/10⁶ cells dilution.