

ELL2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16355b

Specification

ELL2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O00472
Other Accession	NP_036213.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	72324
Antigen Region	450-479

ELL2 Antibody (C-term) - Additional Information

Gene ID 22936

Other Names

RNA polymerase II elongation factor ELL2, ELL2

Target/Specificity

This ELL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 450-479 amino acids from the C-terminal region of human ELL2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ELL2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ELL2 Antibody (C-term) - Protein Information

Name ELL2

Function Elongation factor component of the super elongation complex (SEC), a complex required

to increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA. Component of the little elongation complex (LEC), a complex required to regulate small nuclear RNA (snRNA) gene transcription by RNA polymerase II and III (PubMed:[22195968](#)). Plays a role in immunoglobulin secretion in plasma cells: directs efficient alternative mRNA processing, influencing both proximal poly(A) site choice and exon skipping, as well as immunoglobulin heavy chain (IgH) alternative processing. Probably acts by regulating histone modifications accompanying transition from membrane-specific to secretory IgH mRNA expression.

Cellular Location

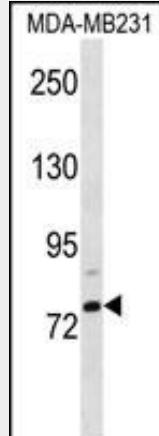
Nucleus.

ELL2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ELL2 Antibody (C-term) - Images



ELL2 Antibody (C-term) (Cat. #AP16355b) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the ELL2 antibody detected the ELL2 protein (arrow).

ELL2 Antibody (C-term) - Background

Elongation factor that can increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA.

ELL2 Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Martincic, K., et al. Nat. Immunol. 10(10):1102-1109(2009) Simone, F., et al. Blood 101(6):2355-2362(2003) Simone, F., et al. Blood 98(1):201-209(2001) Shilatifard, A., et al. Proc. Natl. Acad. Sci. U.S.A. 94(8):3639-3643(1997)