

AP51416PU-N**Polyclonal Antibody to ELL2 (C-term) - Aff - Purified**

Alternate names:	RNA polymerase II elongation factor ELL2
Quantity:	0.4 ml
Concentration:	lot specific
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.
Uniprot ID:	Q00472
NCBI:	NP_036213
GeneID:	22936
Host / Isotype:	Rabbit / Ig
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 449-479aa) of human ELL2.
Format:	State: Liquid purified Ig fraction Purification: Purified through a Protein A column followed by peptide affinity purification Buffer System: PBS with 0.09% (W/V) Sodium azide
Applications:	Western blot: 1/100-1/500. Enzyme immunoassay: 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes ELL2 at C-term.
Species Reactivity:	Tested: Human
Add. Information:	Molecular Weight: 72324 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	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)

Pictures:

Western blot analysis in MDA-MB231 cell line lysates (35ug/lane) using ELL2 antibody Cat.-No. AP51416PU-N (C-term). This demonstrates the ELL2 antibody detected the ELL2 protein (arrow).

