Anti-ELL2 antibody

Description	Rabbit polyclonal to ELL2.

Model	STJ92896
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human ELL2
Immunogen Region	420-500 aa, Internal
Gene ID	22936
Gene Symbol	ELL2
Dilution range	IHC 1:100-1:300ELISA 1:20000
Specificity	ELL2 Polyclonal Antibody detects endogenous levels of ELL2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	RNA polymerase II elongation factor ELL2
Molecular Weight	72.354 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17064OMIM:601874
Alternative Names	RNA polymerase II elongation factor 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 . 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 Localization	Nucleus.
Post-translational Modifications	Ubiquitinated by SIAH1, leading to its degradation by the proteaseome. Interaction with AFF4 stabilizeS ELL2 and prevent ELL2 ubiquitination.

St John's Laboratory Ltd
F +44 (0)207 681 2580
T +44 (0)208 223 3081
W http://www.stjohnslabs.com/
E info@stjohnslabs.com