ELL Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	ELL, Polyclonal Antibody
Full Product Name	ELL Polyclonal Antibody
Product Gene Name	anti-ELL antibody
Clonality	Polyclonal
Molecular Weight	68,265 Da
OMIM	600284
3D Structure	ModBase 3D Structure for P55199
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-ELL antibody	MBS8522511 is an antibody targeting ELL. Also known as ELL Polyclonal Antibody.
Other Notes	Small volumes of anti-ELL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ELL. It may not necessarily be applicable to this product.

NCBI GI #	5729812
NCBI GeneID	8178
NCBI Accession #	NP_006523.1
UniProt Primary Accession #	P55199
UniProt Related Accession #	P55199
GenBank Nucleotide #	NM_006532.3
NCBI Official Full Name	RNA polymerase II elongation factor ELL
NCBI Official Synonym Full Names	elongation factor for RNA polymerase II
NCBI Official Symbol	ELL
NCBI Official Synonym Symbols	MEN; ELL1; PPP1R68; C19orf17
UniProt Protein Name	RNA polymerase II elongation factor ELL
UniProt Synonym Protein Names	Eleven-nineteen lysine-rich leukemia protein
Protein Family	RNA polymerase II elongation factor
UniProt Gene Name	ELL
UniProt Synonym Gene Names	C19orf17
NCBI Protein Information	RNA polymerase II elongation factor ELL

UniProt Comments for ELL	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. Elongation factor 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, PubMed:23932780). Specifically required for stimulating the elongation step of RNA polymerase II- and III-dependent snRNA gene transcription (PubMed:23932780). ELL also plays an early role before its assembly into in the SEC complex by stabilizing RNA polymerase II recruitment/initiation and entry into the pause site. Required to stabilize the pre-initiation complex and early elongation.
Research Articles on ELL	**1.** The results indicate that p53 interferes with the interaction between ELL/EAF and ICE1 and represses transcription of small nuclear RNA genes by Pol II.
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