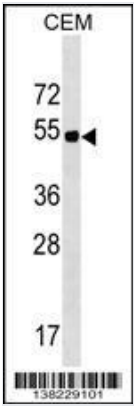
ELL3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ELL3, Polyclonal Antibody
Full Product Name	ELL3, CT (ELL3, RNA polymerase II elongation factor ELL3) (AP)
Product Gene Name	anti-ELL3 antibody
Product Synonym Names	ELL3; RNA polymerase II elongation factor ELL3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	45,361 Da
OMIM	609885
3D Structure	ModBase 3D Structure for Q9HB65
Immunogen	ELL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 333-360 amino acids from the C-terminal region of human ELL3.
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-ELL3 antibody	Antibodies; Enzymes; Polymerase
Applications Tested/Suitable for anti-ELL3 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ELL3 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-ELL3 antibody	ELL3 is a 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.
Product References and Citations for anti-ELL3 antibody	Lamesch, P., et al. Genomics 89(3):307-315(2007). Miller, T., et al. J. Biol. Chem. 275(41):32052-32056(2000).
Other Notes	Small volumes of anti-ELL3 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.
Searchable Terms for ELL3 purchase	MBS6295281 is an antibody targeting ELL3. Also known as ELL3, CT (ELL3, RNA polymerase II elongation factor ELL3) (AP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ELL3 antibody
ELL3 Antibody (C-term) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the ELL3 antibody detected the ELL3 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ELL3. It may not necessarily be applicable to this product.

NCBI GI #	13376768
NCBI GeneID	80237
NCBI Accession #	NP_079441.1
UniProt Primary Accession #	Q9HB65
UniProt Secondary Accession #	Q6I9Z7; Q9H634; B3KQ66; B3KX08
UniProt Related Accession #	Q9HB65
GenBank Nucleotide #	NM_025165.2
NCBI Official Full Name	RNA polymerase II elongation factor ELL3
NCBI Official Synonym Full Names	elongation factor RNA polymerase II-like 3
NCBI Official Symbol	ELL3
UniProt Protein Name	RNA polymerase II elongation factor ELL3
Protein Family	RNA polymerase II elongation factor
UniProt Gene Name	ELL3
UniProt Entry Name	ELL3_HUMAN
NCBI Protein Information	RNA polymerase II elongation factor ELL3
UniProt Comments for ELL3	ELL3: 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. Belongs to the ELL/occludin family. Chromosomal Location of Human Ortholog: 15q15.3 Cellular Component: nucleoplasm; transcription elongation factor complex; nucleolus; nucleus Biological Process: transcription from RNA polymerase II promoter; positive regulation of neurogenesis; RNA elongation; positive regulation of RNA elongation; RNA elongation from RNA polymerase II promoter; snRNA transcription from RNA polymerase II promoter; spermatogenesis; positive regulation of transcription from RNA polymerase II promoter; stem cell differentiation

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