

**ELL2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16355b****Specification**

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**ELL2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O00472](#)**ELL2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 22936**Other Names**

RNA polymerase II elongation factor ELL2, ELL2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ELL2 Antibody (C-term) Blocking Peptide - 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: <http://www.uniprot.org/citations/22195968> target="\_blank">22195968</a>). 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **ELL2 Antibody (C-term) Blocking Peptide - Images**

#### **ELL2 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - 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)