

ELF1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6639a**Specification**

ELF1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P32519](#)**ELF1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 1997**Other Names**

ETS-related transcription factor Elf-1, E74-like factor 1, ELF1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6639a](/products/AP6639a) was selected from the N-term region of human ELF1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

ELF1 Antibody (N-term) Blocking Peptide - Protein Information**Name** ELF1**Function**

Transcription factor that activates the LYN and BLK promoters. Appears to be required for the T-cell-receptor-mediated trans activation of HIV-2 gene expression. Binds specifically to two purine-rich motifs in the HIV-2 enhancer.

Cellular Location

Nucleus.

Tissue Location

In fetal tissues, it is highly expressed in heart, lung liver and kidney, and weakly expressed in brain. In adult, it is highly expressed in pancreas, spleen, thymus and peripheral blood leukocytes, expressed at moderate levels in heart, placenta, lung, liver, skeletal muscle, kidney, prostate, ovary, small intestine and colon, and weakly expressed in brain and testis

ELF1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ELF1 Antibody (N-term) Blocking Peptide - Images

ELF1 Antibody (N-term) Blocking Peptide - Background

ELF1 is an E26 transformation-specific related transcription factor. The protein is primarily expressed in lymphoid cells and acts as both an enhancer and a repressor to regulate transcription of various genes.

ELF1 Antibody (N-term) Blocking Peptide - References

Juang,Y.T., J. Immunol. 181 (5), 3658-3664 (2008)Takahashi,K., J. Biol. Chem. 283 (22), 15134-15141 (2008)