

TH1L Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17236b**Specification**

TH1L Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8IXH7](#)**TH1L Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 51497**Other Names**

Negative elongation factor C/D, NELF-C/D, TH1-like protein, NELFCD, NELFD, TH1, TH1L

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.

TH1L Antibody (C-term) Blocking Peptide - Protein Information**Name** NELFCD**Synonyms** NELFD, TH1, TH1L**Function**

Essential component of the NELF complex, a complex that negatively regulates the elongation of transcription by RNA polymerase II (PubMed:12612062). The NELF complex, which acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex (PubMed:10199401).

Cellular Location

Nucleus.

Tissue Location

Widely expressed. Expressed in heart, brain, lung, placenta, liver, skeletal and cardiac muscle, adrenal, thyroid, kidney and pancreas.

TH1L Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TH1L Antibody (C-term) Blocking Peptide - Images

TH1L Antibody (C-term) Blocking Peptide - Background

The NELF complex of proteins interacts with the DSIF protein complex to repress transcriptional elongation by RNA polymerase II. The protein encoded by this gene is an essential part of the NELF complex. Alternative translation initiation site usage results in the formation of two isoforms with different N-termini.

TH1L Antibody (C-term) Blocking Peptide - References

Zou, W., et al. Cancer Sci. 101(10):2156-2162(2010) Yang, Y., et al. J. Cell. Biochem. 109(5):1013-1024(2010) Sun, J., et al. J. Biol. Chem. 285(9):6443-6452(2010) Pal, P., et al. Croat. Med. J. 50(4):361-369(2009) Cheng, C., et al. J. Biol. Chem. 284(13):8786-8796(2009)