

TH1L Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17236b

Specification

TH1L Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O8IXH7
Other Accession	A5GFY4 , NP_945327.1
Reactivity	Human
Predicted	Pig
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	66247
Antigen Region	548-576

TH1L Antibody (C-term) - Additional Information

Gene ID 51497

Other Names

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

Target/Specificity

This TH1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 548-576 amino acids from the C-terminal region of human TH1L.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TH1L Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TH1L Antibody (C-term) - 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

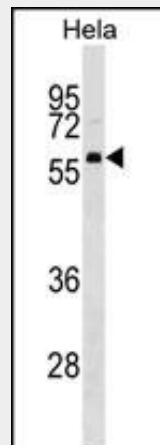
Widely expressed. Expressed in heart, brain, lung, placenta, liver, skeletal and cardiac muscle, adrenal, thyroid, kidney and pancreas.

TH1L Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TH1L Antibody (C-term) - Images



TH1L Antibody (C-term) (Cat. #AP17236b) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the TH1L antibody detected the TH1L protein (arrow).

TH1L Antibody (C-term) - 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) - 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)