10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TH1L Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17236b

Product Information

Application	WB, E
Primary Accession	Q8IXH7
Other Accession	A5GFY4, NP_945327.1
Reactivity	Human
Predicted	Pig, Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36990
Calculated MW	66247
Antigen Region	548-576

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 E~~Use at an assay dependent concentration.
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.

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.

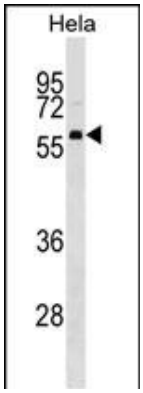
Background

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.

References

Zou, W., et al. Cancer Sci. 101(10):2156-2162(2010)
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Sun, J., et al. J. Biol. Chem. 285(9):6443-6452(2010)
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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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.