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

TFIIIC90 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11959a

Product Information

Application	WB, FC, E
Primary Accession	Q9UKN8
Other Accession	Q8BMQ2, NP_036336
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB14370
Calculated MW	91982
Antigen Region	214-244

Additional Information

Gene ID	9329
Other Names	General transcription factor 3C polypeptide 4, TF3C-delta, Transcription factor IIIC 90 kDa subunit, TFIIIC 90 kDa subunit, TFIIIC90, Transcription factor IIIC subunit delta, GTF3C4
Target/Specificity	This TFIIIC90 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 214-244 amino acids from the N-terminal region of human TFIIIC90.
Dilution	WB~~1:1000 FC~~1:10~50 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	TFIIIC90 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GTF3C4
Function	Essential for RNA polymerase III to make a number of small nuclear and

cytoplasmic RNAs, including 5S RNA, tRNA, and adenovirus- associated (VA) RNA of both cellular and viral origin (PubMed:10523658). Has histone acetyltransferase activity (HAT) with unique specificity for free and nucleosomal H3 (PubMed:10523658). May cooperate with GTF3C5 in facilitating the recruitment of TFIIIB and RNA polymerase through direct interactions with BRF1, POLR3C and POLR3F (PubMed:10523658). May be localized close to the A box (PubMed:10523658).

Cellular Location Nucleus.

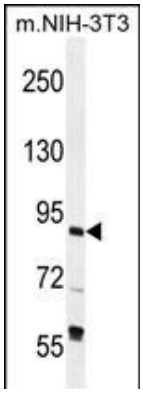
Background

Essential for RNA polymerase III to make a number of small nuclear and cytoplasmic RNAs, including 5S RNA, tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin. Has histone acetyltransferase activity (HAT) with unique specificity for free and nucleosomal H3. May cooperate with GTF3C5 in facilitating the recruitment of TFIIIB and RNA polymerase through direct interactions with BRF1, POLR3C and POLR3F. May be localized close to the A box.

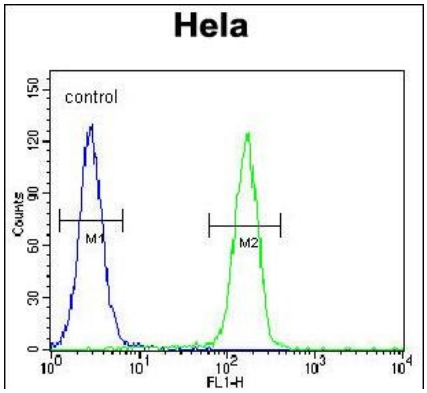
References

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Olsen, J.V., et al. Cell 127(3):635-648(2006)
Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)
Hsieh, Y.J., et al. Mol. Cell. Biol. 19(11):7697-7704(1999)

Images



TFIIIC90 Antibody (N-term) (Cat. #AP11959a) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the TFIIIC90 antibody detected the TFIIIC90 protein (arrow).



TFIIIC90 Antibody (N-term) (Cat. #AP11959a) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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