

TFIIIC90 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11959a**Specification**

TFIIIC90 Antibody (N-term) - Product Information

Application	FC, WB,E
Primary Accession	O9UKN8
Other Accession	O8BMQ2 , NP_036336
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	91982
Antigen Region	214-244

TFIIIC90 Antibody (N-term) - 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

FC~~1:10~50

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

TFIIIC90 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TFIIIC90 Antibody (N-term) - 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 TFIIB 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

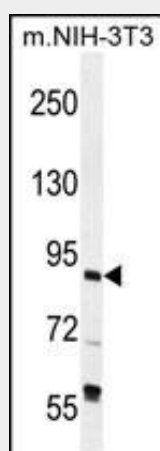
Nucleus.

TFIIIC90 Antibody (N-term) - Protocols

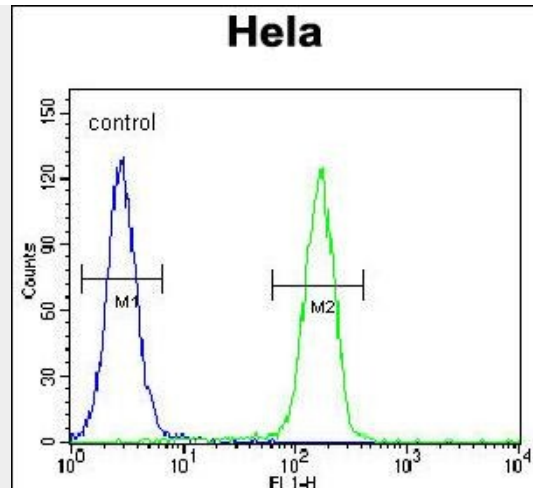
Provided below are standard protocols that you may find useful for product applications.

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

TFIIIC90 Antibody (N-term) - 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).



TFIIC90 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.

TFIIC90 Antibody (N-term) - 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 TFIIB and RNA polymerase through direct interactions with BRF1, POLR3C and POLR3F. May be localized close to the A box.

TFIIC90 Antibody (N-term) - References

Joubert, B.R., et al. *Genome Med* 2 (3), 17 (2010) :
Dumay-Odelot, H., et al. *J. Biol. Chem.* 282(23):17179-17189(2007)
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)