

GTF3A Antibody (monoclonal) (M07)**Mouse monoclonal antibody raised against a partial recombinant GTF3A.****Catalog # AT2293a****Specification**

GTF3A Antibody (monoclonal) (M07) - Product Information

Application	E
Primary Accession	Q92664
Other Accession	NM_002097
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	41515

GTF3A Antibody (monoclonal) (M07) - Additional Information**Gene ID** 2971**Other Names**

Transcription factor IIIA, TFIIIA, GTF3A

Target/Specificity

GTF3A (NP_002088, 185 a.a. ~ 274 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

GTF3A Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

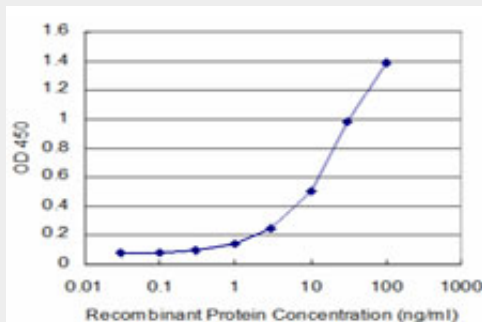
GTF3A Antibody (monoclonal) (M07) - Protocols

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](#)

GTF3A Antibody (monoclonal) (M07) - Images



Detection limit for recombinant GST tagged GTF3A is approximately 0.3ng/ml as a capture antibody.

GTF3A Antibody (monoclonal) (M07) - Background

The product of this gene is a zinc finger protein with nine Cis[2]-His[2] zinc finger domains. It functions as an RNA polymerase III transcription factor to induce transcription of the 5S rRNA genes. The protein binds to a 50 bp internal promoter in the 5S genes called the internal control region (ICR), and nucleates formation of a stable preinitiation complex. This complex recruits the TFIIC and TFIIB transcription factors and RNA polymerase III to form the complete transcription complex. The protein is thought to be translated using a non-AUG translation initiation site in mammals based on sequence analysis, protein homology, and the size of the purified protein.

GTF3A Antibody (monoclonal) (M07) - References

Polyubiquitination of prolactin receptor stimulates its internalization, postinternalization sorting, and degradation via the lysosomal pathway. Varghese B, et al. Mol Cell Biol, 2008 Sep. PMID 18573876. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. Genome-wide association study of electrocardiographic and heart rate variability traits: the Framingham Heart Study. Newton-Cheh C, et al. BMC Med Genet, 2007 Sep 19. PMID 17903306. Systematic identification of SH3 domain-mediated human protein-protein interactions by peptide array target screening. Wu C, et al. Proteomics, 2007 Jun. PMID 17474147. A systematic analysis of human CHMP protein interactions: additional MIT domain-containing proteins bind to multiple components of the human ESCRT III complex. Tsang HT, et al. Genomics, 2006 Sep. PMID 16730941.