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GTF3A Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant GTF3A.
Catalog # AT2292a

Specification

GTF3A Antibody (monoclonal) (M06) - 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) (M06) - 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.

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) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

GTF3A Antibody (monoclonal) (M06) - Protocols

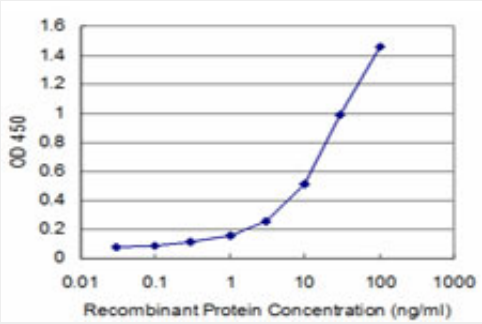
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

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- Cell Culture

GTF3A Antibody (monoclonal) (M06) - Images



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

GTF3A Antibody (monoclonal) (M06) - 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 TFIIIC and TFIIIB 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) (M06) - 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.