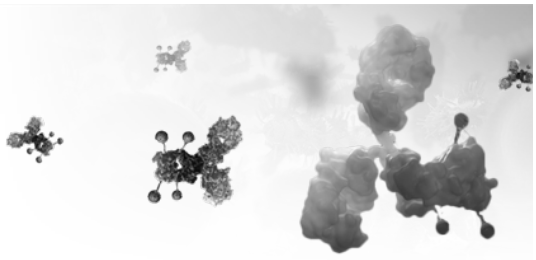

Mouse anti-Human GTF3A monoclonal antibody, clone 2D7 (CABT-B10373)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	GTF3A (NP_002088, 185 a.a. ~ 275 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	2D7
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	NQQKQYICSFEDCKKTFKKHQQLKIHQCQNTNEPLFKCTQEGCGKHFASPSKLKRHAKAH EGYVCQKGCSFVAKTWTELLKHVRETHKEE*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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

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	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. [provided by RefSeq, Jul 2008]
Keywords	GTF3A; general transcription factor IIIA; AP2; TFIIIA; transcription factor IIIA;

GENE INFORMATION

Entrez Gene ID	2971
UniProt ID	Q92664
Pathway	Adipogenesis, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem; RNA Polymerase III Abortive And Retractive Initiation, organism-specific biosystem; RNA Polymerase III Transcription, organism-specific biosystem; RNA Polymerase III Transcription Initiation, organism-specific biosystem
Function	DNA binding; RNA binding; metal ion binding; protein binding; zinc ion binding

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