



# Anti-GTF3A (aa 185-274) polyclonal antibody (DPAB-DC1500)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	GTF3A (NP_002088, 185 a.a. ~ 274 a.a) partial recombinant protein with GST tag. The sequence is  NQQKQYICSFEDCKKTFKKHQQLKIHQCQNTNEPLFKCTQEGCGKHFASPSKLKRHAKAH EGYVCQKGCSFVAKTWELLKHVRETHKEE
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">GTF3A general transcription factor IIIA [ Homo sapiens (human) ]</a>
Official Symbol	GTF3A
Synonyms	GTF3A; general transcription factor IIIA; AP2; TFIIIA; transcription factor IIIA;
Entrez Gene ID	<a href="#">2971</a>
Protein Refseq	<a href="#">NP_002088</a>
UniProt ID	<a href="#">Q92664</a>
Chromosome Location	13q12.3-q13.1
Pathway	Adipogenesis; IL4-mediated signaling events; RNA Polymerase III Abortive And Retractive Initiation; RNA Polymerase III Transcription Initiation.
Function	DNA binding; RNA binding; metal ion binding;