



## Mouse anti-Human GTF2A1 monoclonal antibody, clone 3I6 (CABT-B10371)

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

### PRODUCT INFORMATION

<b>Immunogen</b>	GTF2A1 (NP_056943, 1 a.a. ~ 64 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3I6
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, sELISA, ELISA
<b>Sequence Similarities</b>	MANSANTNTVPKLYRSVIEDVINDVRDIFLDDGVDEQVLMELKTLWENKLMQSRAVDGFH SEE*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### BACKGROUND

<b>Introduction</b>	Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and several general initiation factors
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(summarized by DeJong and Roeder, 1993 [PubMed 8224848]). One of these factors is TFIIA, which when purified from HeLa extracts consists of 35-, 19-, and 12-kD subunits.[supplied by OMIM, Jul 2010]

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<b>Keywords</b>	GTF2A1; general transcription factor IIA, 1, 19/37kDa; TF2A1; TFIIA; TFIIAL; TFIIA-42; transcription initiation factor IIA subunit 1; TFIIA alpha, p55, isoform 1; general transcription factor IIA subunit 1; glucose regulated protein, 58kD pseudogene; transcription initiation factor TFIIA 42 kDa subunit;
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## GENE INFORMATION

<b>Entrez Gene ID</b>	<a href="#">2957</a>
<b>UniProt ID</b>	<a href="#">P52655</a>
<b>Pathway</b>	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Formation and Maturation of mRNA Transcript, organism-specific biosystem; Gene Expression, organism-specific biosystem; HIV Infection, organism-specific biosystem; HIV Life Cycle, organism-specific biosystem
<b>Function</b>	DNA binding; TBP-class protein binding; protein binding; protein heterodimerization activity; transcription coactivator activity; transcription factor binding

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