



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

Immunogen	GTF2A1 (NP_056943, 1 a.a. ~ 64 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3I6
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MANSANTNTVPKLYRSVIEDVINDVRDIFLDDGVDEQVLMELKTLWENKLMQSRVDGFH SEE*
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	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
---------------------	--

(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]

Keywords	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;
-----------------	--

GENE INFORMATION

Entrez Gene ID	2957
-----------------------	----------------------

UniProt ID	P52655
-------------------	------------------------

Pathway	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
----------------	---

Function	DNA binding; TBP-class protein binding; protein binding; protein heterodimerization activity; transcription coactivator activity; transcription factor binding
-----------------	--
