



Mouse anti-Human GTF2A1 polyclonal antibody (DPAB-DC1498)

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

PRODUCT INFORMATION

Antigen Description	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]
Immunogen	GTF2A1 (NP_056943, 1 a.a. ~ 63 a.a) partial recombinant protein with GST tag. The sequence is MANSANTNTVPKLYRSVIEDVINDVRDIFLDDGVDEQVLMELKTLWENKLMQSRAVDGFH SEE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GTF2A1 general transcription factor IIA, 1, 19/37kDa [Homo sapiens (human)]
Official Symbol	GTF2A1
Synonyms	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;
Entrez Gene ID	2957
Protein Refseq	NP_001265869
UniProt ID	P52655
Chromosome Location	14q31.1
Pathway	Basal transcription factors; Disease; HIV Infection; HIV Transcription Initiation.
Function	DNA binding; TBP-class protein binding; protein binding; protein heterodimerization activity
