

[Go to Product page](#)

Datasheet for ABIN7126495 **anti-GTF2A1 antibody**

Overview

Quantity:	100 µg
Target:	GTF2A1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GTF2A1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunoprecipitation (IP), Coating (Coat), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant full-length human GTF2A1 protein
Isotype:	IgG2b
Specificity:	Initiation of transcription from protein-coding genes in eukaryotes is a complex process that requires RNA polymerase II, as well as families of basal transcription factors. Binding of the factor TFIID (TBP) to the TATA box is believed to be the first step in formation of the preinitiation complex (PIC) which contains several additional factors, including TFIIA, TFIIB, TFIIIE, TFIIF and TFIIH. Recognition of the TATA binding element by TBP may be regulated by TFIIA. TFIIA consists of three subunits designated TFIIA-i ¹ , TFIIA-i ² and TFIIA-i ³ , all of which associate with both TBP and TAF (TBP-associated factor). TFIIA functions to stabilize the interaction between TFIID and DNA by binding directly to TBP and the DNA (at the TATA box), thus forming a TBP/TFIIA/TATA complex which mediates the transcriptional output of a gene.
Cross-Reactivity (Details):	Human. Predicted to react in Mouse and Rat.

Product Details

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: GTF2A1

Alternative Name: GTF2A1 ([GTF2A1 Products](#))

Background: General transcription factor IIA 1 19/37 kDa, General transcription factor IIA subunit 1, Glucose regulated protein 58kD pseudogene, TFIIA alpha p55, isoform 1, TFIIA p19 subunit, TFIIA p35 subunit, TFIIAL, Transcription initiation factor IIA beta chain, Transcription initiation factor IIA subunit 1, Transcription initiation factor TFIIA 42 kDa subunit, GTF2A1/ TFIIA (Transcription Factor)
Cellular localisation: Nucleus

Molecular Weight: 41.51kDa

Gene ID: 2957, 592334

UniProt: [P52655](#)

Application Details

Application Notes: Known_Application: ELISA (For coating, order antibody without BSA), Immunoprecipitation (1-2 µg per 100-500 µg of total protein (1 mL of cell lysate)), Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Optimal dilution for a specific application should be determined.
Positive_Control: HeLa or MCF-7 cells.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C, -80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months