

Rabbit Anti-GTF2B/Biotin Conjugated antibody

SL8168R-Bio

Product Name	Anti-GTF2B/Biotin
Chinese Name	生物素标记的通用转录因子 GTF2B 抗体
Alias	TFIIB; General transcription factor IIB; General transcription factor TFIIB; GTF2B; RNA polymerase II transcription factor IIB; S300 II; S300-II; TF IIB; TF2B; TF2B_HUMAN; Transcription initiation factor IIB.
Research Area	Cell biology immunology transcriptional regulatory factor Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Cow,Horse,Rabbit) WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	35kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human GTF2B corresponding to amino acids 131-180.
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: General factor that plays a major role in the activation of eukaryotic genes transcribed by RNA polymerase II.

Function:

General factor that plays a major role in the activation of eukaryotic genes transcribed by RNA polymerase II.

Subunit:

Associates with TFIID-IIA (DA complex) to form TFIID-IIA-IIB (DAB-complex) which is then recognized by polymerase II. Interacts with the transcription elongation factor TCEA2. Interacts with HIV-1 Vpr. Interacts with GPBP1 (By similarity). Interacts with Epstein-Barr virus EBNA2.

Subcellular Location:

Nucleus

Similarity:

Belongs to the TFIIB family.
Contains 1 TFIIB-type zinc finger.

Database links:

UniProtKB/Swiss-Prot: Q00403.1

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.