

Immunotag™ T2AG Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0095
Product Description	Immunotag™ T2AG Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	T2AG
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 30-110
Specificity	T2AG Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	GTF2A2 TF2A2
Accession No.	P52657 Q80ZM7 O08950

Antibody Specification

Description	general transcription factor IIA subunit 2(GTF2A2) Homo sapiens Accurate transcription initiation on TATA-containing class II genes involves the ordered assembly of RNA polymerase II (POLR2A; MIM 180660) and the general initiation factors TFIIA, TFIIB (MIM 189963), TFIID (MIM 313650), TFIIIE (MIM 189962), TFIIF (MIM 189968), TFIIG/TFIIJ, and TFIIH (MIM 189972). The first step involves recognition of the TATA element by the TATA-binding subunit (TBP; MIM 600075) and may be regulated by TFIIA, a factor that interacts with both TBP and a TBP-associated factor (TAF; MIM 600475) in TFIID. TFIIA has 2 subunits (43 and 12 kD) in yeast and 3 subunits in higher eukaryotes. In HeLa extracts, it consists of a 35-kD alpha subunit and a 19-kD beta subunit encoded by the N- and C-terminal regions of GTF2A1 (MIM 600520), respectively, and a 12-kD gamma subunit encoded by GTF2A2 (DeJong et al., 1995 [PubMed 7724559]).[supplied by OMIM, Mar 2008],
Cell Pathway/ Category	Basal transcription factors,
Protein Expression	Lung,Small intestine,
Subcellular Localization	nucleoplasm,transcription factor TFIID complex,transcription factor TFIIA complex,cell junction,
Protein Function	function:TFIIA is a component of the transcription machinery of RNA polymerase II and plays an important role in transcriptional activation. TFIIA in a complex with TBP mediates transcriptional activity.,similarity:Belongs to the TFIIA subunit 2 family.,subunit:TFIIA is a heterodimer of the large unprocessed subunit 1 and a small subunit gamma. It was originally believed to be a heterotrimer of an alpha (p35), a beta (p19) and a gamma subunit (p12). Interacts with NCOA6 general coactivator (By similarity). TFIIA forms a complex with TBP. Interacts with SV40 Large T antigen.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.