

## Product datasheet for **TA339816**

### ALF (GTF2A1L) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-GTF2A1L antibody: synthetic peptide directed towards the C terminal of human GTF2A1L. Synthetic peptide located within the following region: RVTDDDIGEIIQVDGSGDTSSNEEIGSTRADENEFLGNIDGGDLKVPEE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	general transcription factor IIA subunit 1 like
Database Link:	<a href="#">NP_006863</a> <a href="#">Entrez Gene 11036 Human</a> <a href="#">Q9UNN4</a>



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**Background:**

The assembly and stability of the RNA polymerase II transcription pre-initiation complex on a eukaryotic core promoter involve the effects of TFIIA on the interaction between TATA-binding protein (TBP) and DNA. This gene encodes a germ cell-specific counterpart of the large (alpha/beta) subunit of general transcription factor TFIIA that is able to stabilize the binding of TBP to DNA and may be uniquely important to testis biology. The assembly and stability of the RNA polymerase II transcription pre-initiation complex on a eukaryotic core promoter involve the effects of TFIIA on the interaction between TATA-binding protein (TBP) and DNA. This gene encodes a germ cell-specific counterpart of the large (alpha/beta) subunit of general transcription factor TFIIA that is able to stabilize the binding of TBP to DNA and may be uniquely important to testis biology. Alternative splicing for this locus has been observed and two variants, encoding distinct isoforms, have been identified. Co-transcription of this gene and the neighboring upstream gene generates a rare transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product.

**Synonyms:**

ALF

**Note:**

Immunogen Sequence Homology: Human: 100%; Dog: 86%; Horse: 86%; Rat: 79%; Mouse: 79%

**Protein Families:**

Transcription Factors

**Protein Pathways:**

Basal transcription factors

**Product images:**

WB Suggested Anti-GTF2A1L Antibody Titration:  
0.2-1 ug/ml; Positive Control: HepG2 cell lysate