

## Product datasheet for **TA351003**

### TFII I (GTF2I) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: HepG2 cells IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human GTF2I
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	112 kDa
Gene Name:	general transcription factor Iii
Database Link:	<a href="#">NP_127492</a> <a href="#">Entrez Gene 14886 Mouse</a> <a href="#">Entrez Gene 353256 Rat</a> <a href="#">Entrez Gene 2969 Human</a> <a href="#">P78347</a>



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**Background:** This gene encodes a phosphoprotein containing six characteristic repeat motifs. The encoded protein binds to the initiator element (Inr) and E-box element in promoters and functions as a regulator of transcription. This locus, along with several other neighboring genes, is deleted in Williams-Beuren syndrome. There are many closely related genes and pseudogenes for this gene on chromosome 7. This gene also has pseudogenes on chromosomes 9, 13, and 21. Alternatively spliced transcript variants encoding multiple isoforms have been observed.

**Synonyms:** BAP135; BTKAP1; DIWS; GTFII-I; IB291; SPIN; TFII-I; WBS; WBSCR6

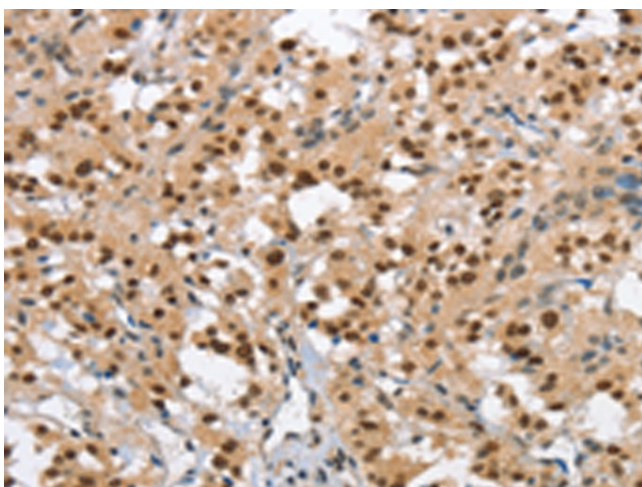
**Protein Families:** Transcription Factors

**Protein Pathways:** Basal transcription factors

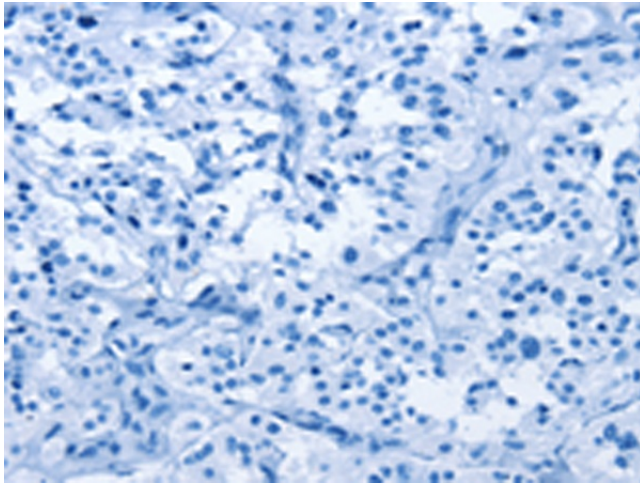
### Product images:



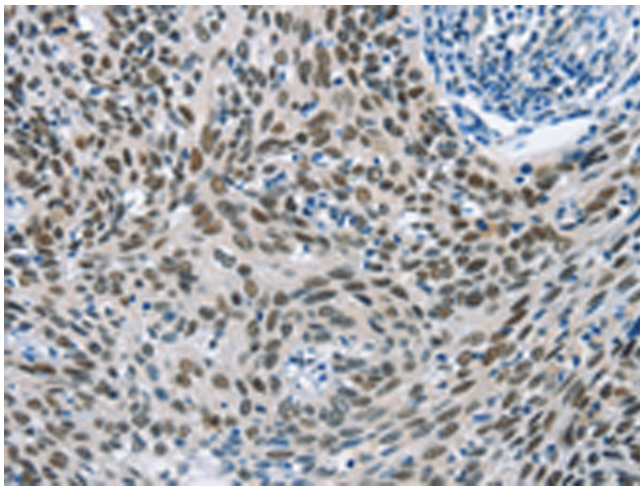
Gel: 6%SDS-PAGE  
Lysate: 40 µg  
Lane: HepG2 cells  
Primary antibody: TA351003 (GTF2I Antibody) at dilution 1/350  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 3 minutes



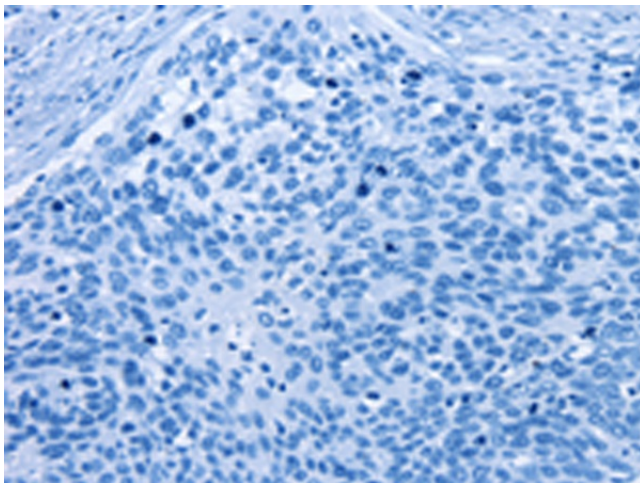
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351003 (GTF2I Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA351003 (GTF2I Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA351003 (GTF2I Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA351003 (GTF2I Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)