

## Anti-GTF2I antibody

<b>Cat. No.</b>	ml261479
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-GTF2I rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human GTF2I
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.4 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	GTF2I
<b>Full name</b>	general transcription factor III

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

**Swissprot** P78347

### **Target 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.

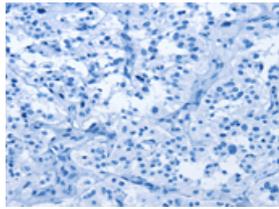
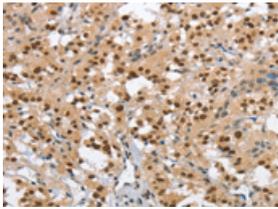
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 50-200

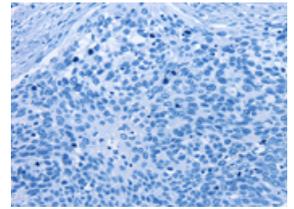
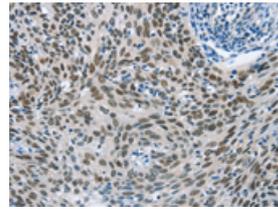


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml261479(GTF2I Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Nucleus

Positive control: Human cervical cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml261479(GTF2I Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 112 kDa

Positive control: HepG2 cells

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 6%SDS-PAGE

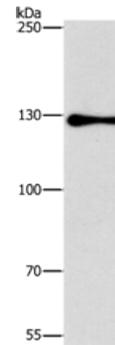
Lysate: 40  $\mu$ g

Lane: HepG2 cells

Primary antibody: ml261479(GTF2I Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes



## ELISA

Recommended dilution: 1000-2000

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