

### Anti-GTF2I Rabbit Monoclonal Antibody

Catalog # ABO16093

#### Specification

## Anti-GTF2I Rabbit Monoclonal Antibody - Product Information

Application Primary Accession Host Isotype Reactivity Clonality Format Description WB, IHC, IF, ICC <u>P78347</u> Rabbit IgG Rat, Human, Mouse Monoclonal Liquid

Anti-GTF2I Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

## Anti-GTF2I Rabbit Monoclonal Antibody - Additional Information

Gene ID 2969

**Other Names** General transcription factor II-I, GTFII-I, TFII-I, Bruton tyrosine kinase-associated protein 135, BAP-135, BTK-associated protein 135, SRF-Phox1-interacting protein, SPIN, Williams-Beuren syndrome chromosomal region 6 protein, GTF2I, BAP135, WBSCR6

Calculated MW 135 kDa KDa

Application Details WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

**Contents** Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen A synthesized peptide derived from GTF2I

Purification Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

## Anti-GTF2I Rabbit Monoclonal Antibody - Protein Information



#### Name GTF2I

Synonyms BAP135, WBSCR6

#### Function

Interacts with the basal transcription machinery by coordinating the formation of a multiprotein complex at the C-FOS promoter, and linking specific signal responsive activator complexes. Promotes the formation of stable high-order complexes of SRF and PHOX1 and interacts cooperatively with PHOX1 to promote serum-inducible transcription of a reporter gene deriven by the C-FOS serum response element (SRE). Acts as a coregulator for USF1 by binding independently two promoter elements, a pyrimidine-rich initiator (Inr) and an upstream E-box. Required for the formation of functional ARID3A DNA- binding complexes and for activation of immunoglobulin heavy-chain transcription upon B-lymphocyte activation.

**Cellular Location** 

Cytoplasm. Nucleus {ECO:0000255|PROSITE-ProRule:PRU00484, ECO:0000269|PubMed:10373551} Note=Colocalizes with BTK in the cytoplasm

**Tissue Location** 

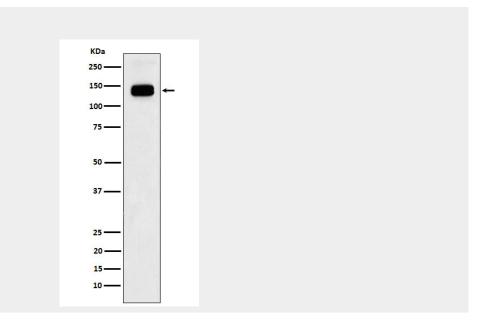
Ubiquitous. Isoform 1 is strongly expressed in fetal brain, weakly in adult brain, muscle, and lymphoblasts and is almost undetectable in other adult tissues, while the other isoforms are equally expressed in all adult tissues

# Anti-GTF2I Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

#### Anti-GTF2I Rabbit Monoclonal Antibody - Images





Western blot analysis of GTF2I expression in Jurkat cell lysate.