

KD-Validated Anti-GTF2I Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1545**Specification****KD-Validated Anti-GTF2I Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	P78347
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 113 kDa , observed , 135 kDa
Gene Name	KDa
Aliases	GTF2I GTF2I; General Transcription Factor Iii; TFII-I; SPIN; BAP-135; BTKAP1; WBSCR6; IB291; DIWS; Bruton Tyrosine Kinase-Associated Protein 135; General Transcription Factor II-I; SRF-Phox1-Interacting Protein; GTFII-I; BAP135; Williams-Beuren Syndrome Chromosomal Region 6 Protein; Williams-Beuren Syndrome Chromosome Region 6; General Transcription Factor II, I; BTK-Associated Protein, 135kD; BTK-Associated Protein 135; WBS
Immunogen	A synthesized peptide derived from human GTF2I

KD-Validated 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	

KD-Validated 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 driven 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

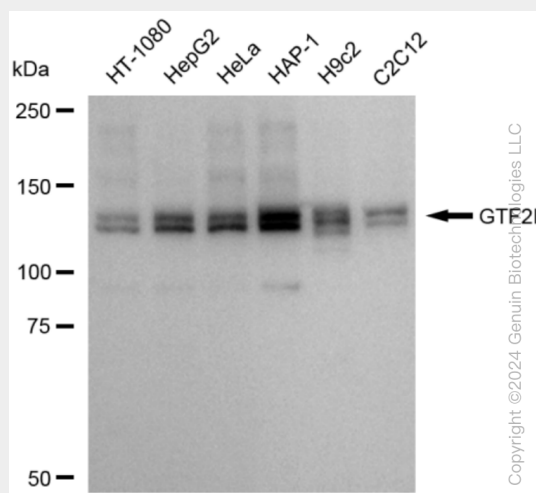
Ubiquitous. Isoform 1 is strongly expressed in fetal brain, weakly in adult brain, muscle, and lymphoblasts and is almost undetectable in other adult tissues, while the other isoforms are equally expressed in all adult tissues

KD-Validated Anti-GTF2I Rabbit Monoclonal Antibody - Protocols

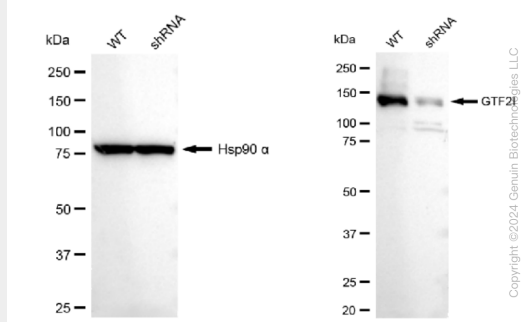
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KD-Validated Anti-GTF2I Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-GTF2I antibody (Cat#AGI1545). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-GTF2I antibody (Cat#AGI1545, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-GTF2I antibody (Cat#AGI1545). GTF2I expression in wild type (WT) and GTF2I shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-GTF2I antibody (Cat#AGI1545, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.