

GTF2I

Reactivity:Human

Tested applications:WB IHC IF FC

Recommended Dilution:WB 1:200 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100 FC 1:20 - 1:50

Calculated MW:112kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human GTF2I

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

BAP-135; BAP135; BTKAP1; DIWS; FLJ38776; FLJ56355; IB291; SPIN; TFII-I; WBS; WBSCR6

Catalog #:A0617

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:2969

Isotype:IgG

Swiss Prot:P78347

Purity:Affinity purification

For research use only.

Background:

The GTF2I gene encodes a transcription factor. It negatively regulates agonist-induced calcium entry into cells by interfering with expression of the cation channel TRPC3 at the plasma membrane [PMID: 17023658]. As a transcription factor and/or as a regulator of intracellular calcium levels, GTF2I may play a role in the molecular basis of anxiety [PMID: 22578324]. It 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. Required for the formation of functional ARID3A DNA-binding complexes and for activation of immunoglobulin heavy-chain transcription upon B-lymphocyte activation [PMID: 16738337].

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