

## Anti-TFII I/GTF2I Antibody

Catalog Number: A00903-1

### About GTF2I

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].

### Overview

Product Name	Anti-TFII I/GTF2I Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TFII I/GTF2I Antibody catalog # A00903-1. Tested in WB, IHC, ICC/IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P78347

### Technical Details

Immunogen	E.coli-derived human TFII I/GTF2I recombinant protein (Position: Q3-P271).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

Immunohistochemistry, 1:50-400  
Immunocytochemistry/Immunofluorescence, 1:50-400  
ELISA, 1:100-1000

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