

bs-16349R**[Primary Antibody]****GTF2F2 Rabbit pAb****BioSS**
ANTIBODIES

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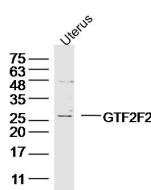
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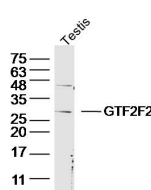
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Cow, Horse)
GeneID: 2963	SWISS: P13984	
Target: GTF2F2		Predicted MW.: 28 kDa
Immunogen: KLH conjugated synthetic peptide derived from human GTF2F2: 51-150/249.		Subcellular Location: Nucleus
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Transcription initiation factor IIF subunit beta; In eukaryotic systems, initiation of transcription from protein-coding genes is a complex process requiring RNA polymerase II and broad families of auxiliary transcription factors. Such factors can be divided into two major functional classes: the basal factors that are required for transcription of all Pol II genes, including TFIIA, TFIIB, TFIID, TFIIIE, TFIIIF and TFIIH; and sequence-specific factors that regulate gene expression. The basal transcription factors and Pol II form a specific multiprotein complex near the transcription start site by interacting with core promotor elements such as the TATA box generally located 25-30 base pairs upstream of the transcription start site. TFIIIF, a heteromer composed of a small (RAP 30) and a large (RAP 74) subunit, is required for RNA polymerase II to assemble into a preinitiation complex formed by promotor DNA and the general factors TFIID, IIA and IIB. In addition, TFIIIF stimulates transcription elongation by RNA polymerase II.		

— VALIDATION IMAGES —

Sample: Uterus (Mouse) Lysate at 40 ug Primary:
Anti-GTF2F2 (bs-16349R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 28 kD
Observed band size: 28 kD



Sample: Testis (Mouse) Lysate at 40 ug Primary:
Anti-GTF2F2 (bs-16349R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 28 kD
Observed band size: 28 kD