

Immunotag™ TFIIIB90-1 Polyclonal Antibody

| Antibody Specification | |
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| Catalog No. | ITT4620 |
| Product Description | Immunotag™ TFIIIB90-1 Polyclonal Antibody |
| Size | 50 µg, 100 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | TFIIIB9000-1 |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IHC-p,IF,ELISA |
| Recommended Dilution | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse |
| Host Species | Rabbit |
| Immunogen | The antiserum was produced against synthesized peptide derived from human TF3B. AA range:231-280 |
| Specificity | TFIIIB90-1 Polyclonal Antibody detects endogenous levels of TFIIIB90-1 protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen |
| Form | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Gene Name | BRF1 |
| Accession No. | Q92994 Q8CFK2 |
| Alternate Names | BRF1; BRF; GTF3B; TAF3B2; TAF3C; Transcription factor IIIB 90 kDa subunit; TFIIIB90; hTFIIIB90; B-related factor 1; BRF-1; hBRF; TAF3B2; TATA box-binding protein-associated factor; RNA polymerase III, subunit 2 |

Antibody Specification

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| Description | BRF1, RNA polymerase III transcription initiation factor 90 kDa subunit(BRF1) Homo sapiens This gene encodes one of the three subunits of the RNA polymerase III transcription factor complex. This complex plays a central role in transcription initiation by RNA polymerase III on genes encoding tRNA, 5S rRNA, and other small structural RNAs. The gene product belongs to the TF2B family. Several alternatively spliced variants encoding different isoforms, that function at different promoters transcribed by RNA polymerase III, have been identified. [provided by RefSeq, Jun 2011], |
| Protein Expression | Brain,Epithelium,PCR rescued clones |
| Subcellular Localization | transcription factor TFIIIB complex,nucleoplasm, |
| Protein Function | function:General activator of RNA polymerase which utilizes different TFIIIB complexes at structurally distinct promoters. The isoform 1 is involved in the transcription of tRNA, adenovirus VA1, 7SL and 5S RNA. Isoform 2 is required for transcription of the U6 promoter.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the TFIIIB family.,similarity:Contains 1 TFIIIB-type zinc finger.,subunit:TFIIIB comprises at least the TATA-binding protein (TBP) and the B-related factor 1 (BRF1/TFIIIB90). Interacts with BDP1., |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |