

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human, mouse and rat BTF3 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human BTF3 Lys46-Asn206 Accession # P20290
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

BTF3 (basic transcription factor 3; also nascent polypeptide-associated complex β /NACB) is a member of the NAC-beta family of transcription factors. It is ubiquitously expressed and involved in the initiation of gene transcription by RNA polymerase. BTF3 also appears to impact estrogen receptor alpha (ER α) stimulation of gene activation by binding to both ligand activated and non-ligand activated ER α . Human BTF3 is 206 amino acids (aa) in length and contains one potential phosphorylation site at Ser30, and a NACB domain (aa 82-147). There are multiple potential splice variants. Two variants show alternate start sites, one at Met45 (called BTF3b), and another at Met108.

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