10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BTF3 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11348

Product Information

Application	WB
Primary Accession	P20290
Other Accession	NM_001037637, NP_001032726
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22168

Additional Information

Gene ID	689
Alias Symbol	NACB, BTF3a, BTF3b, BETA-NAC
Other Names	Transcription factor BTF3, Nascent polypeptide-associated complex subunit beta, NAC-beta, RNA polymerase B transcription factor 3, BTF3, NACB
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-BTF3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	BTF3 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

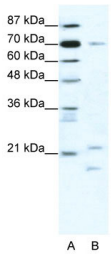
Name	BTF3
Synonyms	NACB
Function	When associated with NACA, prevents inappropriate targeting of non-secretory polypeptides to the endoplasmic reticulum (ER). Binds to nascent polypeptide chains as they emerge from the ribosome and blocks their interaction with the signal recognition particle (SRP), which normally targets nascent secretory peptides to the ER. BTF3 is also a general transcription factor that can form a stable complex with RNA polymerase II. Required for the initiation of transcription.

Cellular Location	Cytoplasm. Nucleus. Note=The heterodimer with NACA is cytoplasmic

References

Oyake,T., et al., (2005) Gene 345 (2), 271-277Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.Publications:Thakur, D. et al. Human beta casein fragment (54-59) modulates M. bovis BCG survival and basic transcription factor 3 (BTF3) expression in THP-1 cell line. PLoS One 7, e45905 (2012). WB, IP, Dog, Pig, H, Rabbit, Rat, Guinea pig, Human, Zebrafish, Bovine, Mouse, Yeast23029305

Images



WB Suggested Anti-BTF3 Antibody Titration: 1.25µg/ml
ELISA Titer: 1:312500
Positive Control: Jurkat cell lysate
BTF3 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.