

KD-Validated Anti-BTF3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1980

Product Information

Application	WB, FC, ICC
Primary Accession	P20290
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB6880
Calculated MW	22168
Gene Name	BTF3
Aliases	BTF3; Basic Transcription Factor 3; BTF3a; BTF3b; NACB; Nascent-Polypeptide-Associated Complex Beta Polypeptide; Nascent Polypeptide-Associated Complex Subunit Beta; RNA Polymerase B Transcription Factor 3; Transcription Factor BTF3; NAC-Beta; BETA-NAC
Immunogen	Recombinant protein of human BTF3

Additional Information

Gene ID	689
Other Names	Transcription factor BTF3, Nascent polypeptide-associated complex subunit beta, NAC-beta, RNA polymerase B transcription factor 3, BTF3, NACB

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

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