




Product datasheet

Anti-BTF3 antibody ab66940

★★★★★ 2 Abreviews 4 References 2 Images

Overview

Product name	Anti-BTF3 antibody
Description	Rabbit polyclonal to BTF3
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat, Dog, Human, Zebrafish Predicted to work with: Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Saccharomyces cerevisiae, Drosophila melanogaster 
Immunogen	Synthetic peptide within Human BTF3 aa 157-206 (internal sequence). The exact sequence is proprietary. Sequence: DSLTSLRRLAEALPKQSVDGKAPLATGEDDDDEVPD LVENFDEASKNEAN Database link: P20290  Run BLAST with  Run BLAST with
Positive control	Jurkat cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab66940** in the following tested applications.

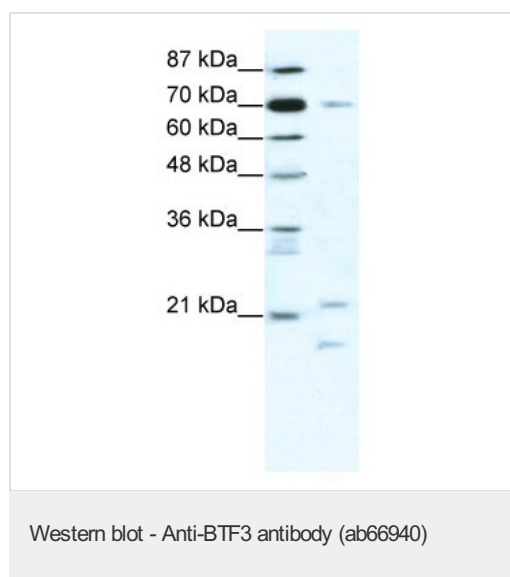
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★	Use at an assay dependent concentration.
WB	★★★★☆	Use a concentration of 1.25 µg/ml. Detects a band of approximately 23, 18 kDa (predicted molecular weight: 23 , 18 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	General transcription factor. BTF3 can form a stable complex with RNA polymerase II. Required for the initiation of transcription.
Sequence similarities	Belongs to the NAC-beta family. Contains 1 NAC-A/B (NAC-alpha/beta) domain.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

Images



Anti-BTF3 antibody (ab66940) at 1.25 µg/ml + Jurkat cell lysate at 10 µg

Secondary

HRP-conjugated anti-Rabbit IgG at 1/50000 dilution

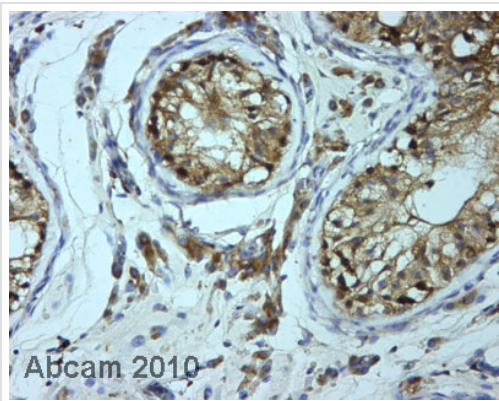
Predicted band size: 23 , 18 kDa

Observed band size: 23 and 18 kDa

[why is the actual band size different from the predicted?](#)

Additional bands at: 70 kDa (possible cross reactivity)

Gel concentration 12%



IHC-P image of BTF3 (ab66940) on Testis sections. The sections were fixed in Paraformaldehyde and underwent heat mediated antigen retrieval using Novacastra (pH6). The sections were then blocked in 0.3% H₂O₂ solution for 10 mins at 22°C.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BTF3 antibody (ab66940)

This image is courtesy of an abreview submitted by Aamir Ahmed, University College London, United Kingdom

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors