

# Product Datasheet

## BTF Antibody NB100-1704

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 4

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**NB100-1704**

## BTF Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

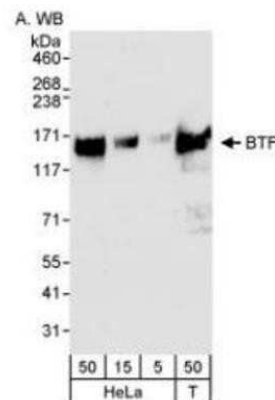
Product Description	
Description	Novus Biologicals Rabbit BTF Antibody (NB100-1704) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-BTF Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9774
Gene Symbol	BCLAF1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residues 150 and 200 of human BCL2-Associated Transcription Factor 1 using the numbering given in entry NP_055554.1 (GeneID 9774).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:100 - 1:1000, Immunoprecipitation 1 to 4 ug/mg of lysate, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

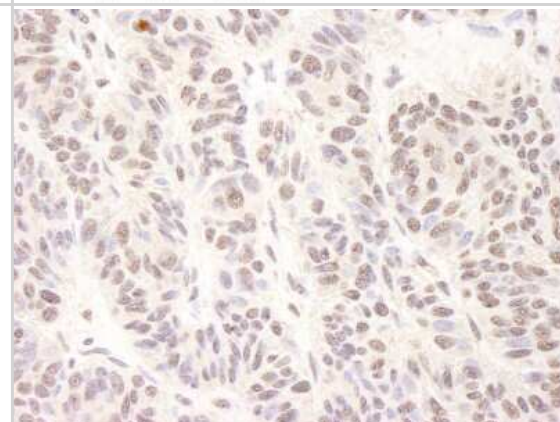


## Images

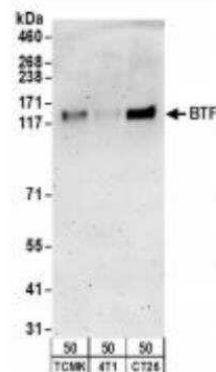
Western Blot: BTF Antibody [NB100-1704] - Whole cell lysate from HeLa (5, 15, 50 ug loaded) and 293T cells (T; 50 ug) probed with anti-BTF antibody at 0.04 ug/ml.



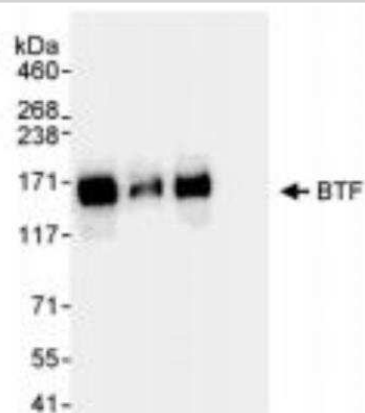
Immunohistochemistry: BTF Antibody [NB100-1704] - Sample: FFPE section of human skin carcinoma. Antibody: Affinity purified rabbit anti-BTF used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB staining using Immunohistochemistry Accessory Kit.



Western Blot: BTF Antibody [NB100-1704] - : Whole cell lysate (50 ug) from TCMK-1, 4T1, and CT26.WT cells.



Immunoprecipitation: BTF Antibody [NB100-1704] - Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 ug) cells.



## Publications

Lee YY, Yu YB, Gunawardena HP et al. BCLAF1 is a radiation-induced H2AX-interacting partner involved in GH2AX-mediated regulation of apoptosis and DNA repair. *Cell Death Dis.* 2012-07-26 [PMID: 22833098]

Lee SH, Kalejta RF, Kerry J et al. BclAF1 restriction factor is neutralized by proteasomal degradation and microRNA repression during human cytomegalovirus infection. *Proc Natl Acad Sci U S A* 2012-06-01 [PMID: 22645331]

Ziegelbauer JM, Sullivan CS, Ganem D et al. Tandem array-based expression screens identify host mRNA targets of virus-encoded microRNAs. *Nat Genet* 2009-01-01 [PMID: 19098914]

Liu H, Lu ZG, Miki Y et al. Protein kinase C delta induces transcription of the TP53 tumor suppressor gene by controlling death-promoting factor Btf in the apoptotic response to DNA damage. *Mol Cell Biol* 2007-12-01 [PMID: 17938203]





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### **Products Related to NB100-1704**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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