

BRF1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14801c**Specification**

BRF1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O92994
Other Accession	NP_663718.1 , NP_001510.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	73840
Antigen Region	314-342

BRF1 Antibody (Center) - Additional Information**Gene ID** 2972**Other Names**

Transcription factor IIIB 90 kDa subunit, TFIIB90, hTFIIB90, B-related factor 1, BRF-1, hBRF, TAF3B2, TATA box-binding protein-associated factor, RNA polymerase III, subunit 2, BRF1, BRF, GTF3B, TAF3B2, TAF3C

Target/Specificity

This BRF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 314-342 amino acids from the Central region of human BRF1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

BRF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

BRF1 Antibody (Center) - Protein Information**Name** BRF1

Synonyms BRF, GTF3B, TAF3B2, TAF3C

Function General activator of RNA polymerase which utilizes different TFIIIB complexes at structurally distinct promoters. The isoform 1 is involved in the transcription of tRNA, adenovirus VA1, 7SL and 5S RNA. Isoform 2 is required for transcription of the U6 promoter.

Cellular Location

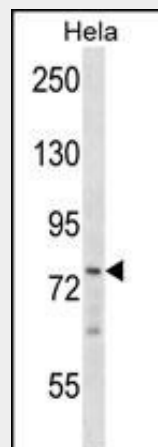
Nucleus.

BRF1 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BRF1 Antibody (Center) - Images



BRF1 Antibody (Center) (Cat. #AP14801c) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the BRF1 antibody detected the BRF1 protein (arrow).

BRF1 Antibody (Center) - Background

This gene encodes one of the three subunits of the RNA polymerase III transcription factor complex. This complex plays a central role in transcription initiation by RNA polymerase III on genes encoding tRNA, 5S rRNA, and other small structural RNAs. The gene product belongs to the TF2B family. Two alternatively spliced variants encoding different isoforms, that function at different promoters transcribed by RNA polymerase III, have been identified. Other transcript variants are possible, but their full-length natures have not been completely characterized. [provided by RefSeq].

BRF1 Antibody (Center) - References

Haurie, V., et al. Proc. Natl. Acad. Sci. U.S.A. 107(9):4176-4181(2010)
Maitra, S., et al. RNA 14(5):950-959(2008)
Leal, J.F., et al. Oncogene 27(14):1961-1970(2008)
Yoo, N.K., et al. Cell. Microbiol. 10(3):583-592(2008)
Cabarcas, S., et al. BMC Mol. Biol. 9, 74 (2008) :