

Rabbit anti-Human, Mouse BRF1 Polyclonal Antibody | anti-BRF1 antibody

BRF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324082	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

BRF1; Polyclonal Antibody; BRF1 Antibody; B related factor 1; B-related factor 1; BRF; BRF-1; brf1; BRF1 homolog; subunit of RNA polymerase III transcription initiation factor IIIB (S. cerevisiae); General transcription factor IIIB; 90kD subunit; GTF3B; hBRF; hTFIIIB90; RNA polymerase III; subunit 2; TAF3B2; TAF3C; TAFII90; TATA box binding protein (TBP) associated factor 3C; TATA box binding protein (TBP) associated factor; GTF3B subunit 2; TATA box-binding protein-associated factor; TBP associated factor; 90kD; TF3B_HUMAN; TF3B90; TFIIIB90; Transcription factor IIIB 90 kDa subunit; Transcription initiation factor IIIB; anti-BRF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	BRF1 antibody detects endogenous levels of total BRF1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	584
Applicable Applications for anti-BRF1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Dog, Chicken
Similarity	Pig (83%), Bovine (92%), Horse (100%), Dog (82%), Chicken (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324082 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HeLa cells using TF3B antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA324082 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-BRF1 antibody	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. Subunit Structure: TFIIIB comprises at least the TATA-binding protein (TBP) and the B-related factor 1 (BRF1/TFIIIB90). Interacts with BDP1. Similarity: Belongs to the TFIIIB family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	338753402
NCBI GeneID	2972
NCBI Accession #	NP_001229715.1
NCBI GenBank Nucleotide #	NM_001242786.1
UniProt Accession #	Q92994; Q13223; Q3SYD9; Q5PR24; Q6IQ02; Q96KX3; Q9HCW6; B3KU36; B4DIG5; B7Z2N3; F5H5Z7; F8WA46
Molecular Weight	Observed: 74 kD Predicted: 74 kDa
NCBI Official Full Name	transcription factor IIIB 90 kDa subunit isoform 4
NCBI Official Synonym Full Names	BRF1, RNA polymerase III transcription initiation factor subunit
NCBI Official Symbol	BRF1
NCBI Official Synonym Symbols	BRF; CFDS; hBRF; BRF-1; GTF3B; TAF3C; TAF3B2; TF3B90; TAFIII90; TFIIIB90; HEL-S-76p
NCBI Protein Information	transcription factor IIIB 90 kDa subunit
UniProt Protein Name	Transcription factor IIIB 90 kDa subunit
UniProt Gene Name	BRF1
UniProt Synonym Gene Names	BRF; GTF3B; TAF3B2; TAF3C; TFIIIB90; hTFIIIB90; BRF-1; hBRF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

