

bs-11641R**[Primary Antibody]****BPTF Rabbit pAb****BioSS**
ANTIBODIES

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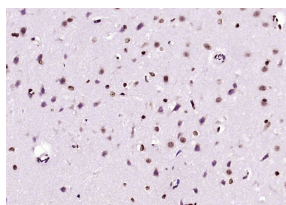
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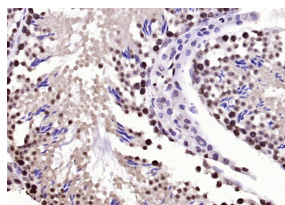
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 2186	SWISS: Q12830	IF (1:100-500)
Target: BPTF		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Sheep, Cow, Chicken, Dog, GuineaPig)
Immunogen: KLH conjugated synthetic peptide derived from human BPTF/FALZ: 2801-3046/3046.		Predicted MW.: 338 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm ,Nucleus
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: This gene was identified by the reactivity of its encoded protein to a monoclonal antibody prepared against brain homogenates from patients with Alzheimer's disease. Analysis of the original protein (fetal Alz-50 reactive clone 1, or FAC1), identified as an 810 aa protein containing a DNA-binding domain and a zinc finger motif, suggested it might play a role in the regulation of transcription. High levels of FAC1 were detected in fetal brain and in patients with neurodegenerative diseases. The protein encoded by this gene is actually much larger than originally thought, and it also contains a C-terminal bromodomain characteristic of proteins that regulate transcription during proliferation. The encoded protein is highly similar to the largest subunit of the Drosophila NURF (nucleosome remodeling factor) complex. In Drosophila, the NURF complex, which catalyzes nucleosome sliding on DNA and interacts with sequence-specific transcription factors, is necessary for the chromatin remodeling required for transcription. Two alternative transcripts encoding different isoforms have been described completely. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (BPTF) Polyclonal Antibody, Unconjugated (bs-11641R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (BPTF) Polyclonal Antibody, Unconjugated (bs-11641R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=12.78]** Zhu et al. ZIC2-dependent OCT4 activation drives self-renewal of human liver cancer stem cells. (2015)

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

J.Clin.Inves. 125:3795-808 IF, WB ;Human. 26426078

- **[IF=2.5]** Yanling Pan. et al.BPTF/FOXC1 axis promotes glioma.histology and histopathology.2025 Feb;40(2):205-214. Western blot ;Human. 38686761
- **[IF=2]** Pan Y. et al. BPTF promotes glioma development through USP34-mediated de-ubiquitination of FOXC1.. HISTOL HISTOPATHOL. 2024 Apr;:18748-18748 WB ;Human. 38686761