

Datasheet for ABIN1386560
anti-BPTF antibody (AA 2801-3046)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	BPTF
Binding Specificity:	AA 2801-3046
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BPTF antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BPTF/FALZ
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Chicken,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	BPTF
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Target Details

Alternative Name: BPTF/FALZ ([BPTF Products](#))

Background: Synonyms: Bromodomain and PHD finger containing transcription factor, Bromodomain PHD finger transcription factor, FAC 1, BPTF / FALZ, fac1, FALZ, Fetal Alz 50 clone 1 protein, Fetal Alz 50 reactive clone 1, Fetal Alzheimer antigen, Nucleosome remodeling factor, Nucleosome remodeling factor subunit BPTF, Nucleosome remodeling factor, large subunit, NURF 301, NURF301.

Background: BPTF is a 2,907 amino acid protein encoded by the human gene BPTF. BPTF belongs to the PBTF family and contains one bromodomain, one DDT domain and two PHD-type zinc fingers. BPTF acts as a histone-binding component of NURF (nucleosome-remodeling factor). The NURF complex, which consists of SMARCA1, BPTF, RbAp46 and RbAp48, acts to catalyze ATP-dependent nucleosome sliding and facilitates transcription of chromatin. It specifically recognizes histone H3 tails trimethylated on 'Lys-4' (H3-K4Me3), which mark transcription start sites of virtually all active genes. BPTF may also help regulate transcription through direct binding to DNA or transcription factors.

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200
ICC 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

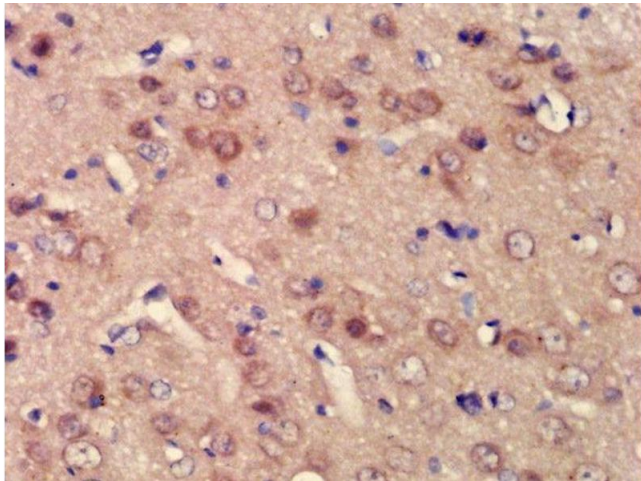
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

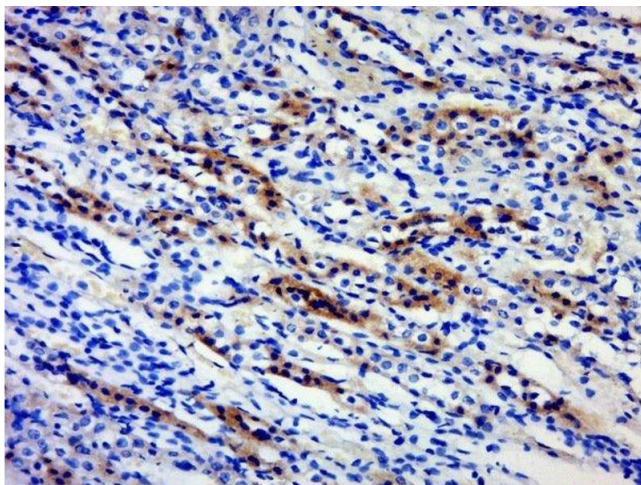
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



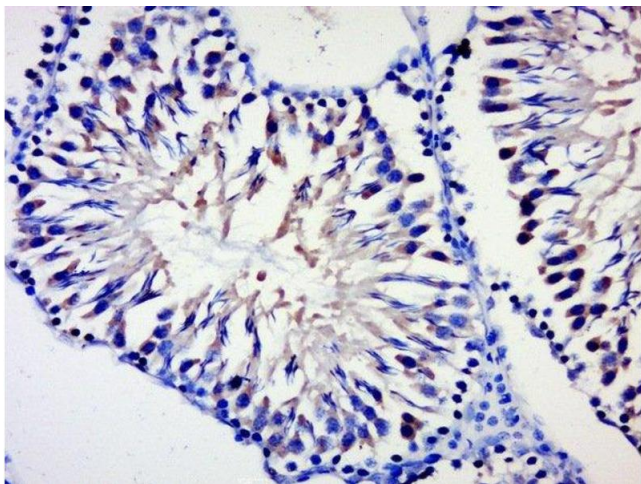
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti-BPTF/FALZ Polyclonal Antibody, Unconjugated (ABIN1386560) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Paraformaldehyde-fixed, paraffin embedded rat kidney, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with BPTF/FALZ Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded rat testis, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with BPTF/FALZ Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary and DAB staining.