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Datasheet for ABIN4997582

anti-BPTF antibody (AA 2801-3046) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	BPTF
Binding Specificity:	AA 2801-3046
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BPTF antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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
Alternative Name:	BPTF/FALZ (BPTF Products)

Target Details

Background:	<p>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.</p> <p>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.</p>
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months