

For Research Use Only

BPTF Polyclonal antibody

Catalog Number: 28016-1-AP

1 Publications



Basic Information

Catalog Number: 28016-1-AP	GenBank Accession Number: NM_004459	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 2186	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q12830	IF/ICC 1:50-1:500
Isotype: IgG	Full Name: bromodomain PHD finger transcription factor	
Immunogen Catalog Number: AG27761	Calculated MW: 338 kDa	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB, IHC, ChIP	IHC : human breast cancer tissue, human colon cancer tissue, human liver cancer tissue, human ovary tumor tissue
Species Specificity: Human	IF/ICC : HepG2 cells,
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Bromodomain PHD finger transcription factor (BPTF), a histone-binding component of NURF (nucleosome-remodeling factor), plays an important role in catalyzing ATP-dependent nucleosome sliding and facilitating transcription of chromatin. It has been reported that BPTF maybe a novel and potential therapeutic target in hepatocellular carcinoma. BPTF may also regulate transcription through direct binding to DNA or transcription factors.(PMID: 30419422)

Notable Publications

Author	Pubmed ID	Journal	Application
Chunyu Hua	39062456	Biomolecules	WB,IHC,ChIP

Storage

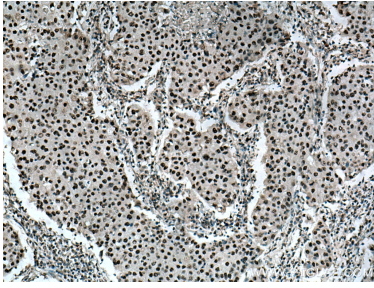
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

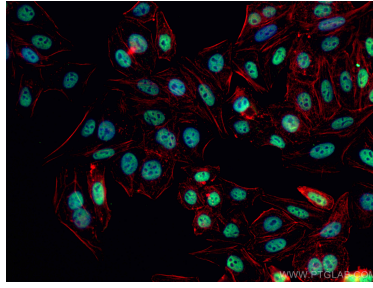
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 28016-1-AP (BPTF antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using BPTF antibody (28016-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).