

# BPTF Polyclonal antibody

Catalog Number: 28016-1-AP

1 Publications

## Basic Information

**Catalog Number:**

28016-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG27761

**GenBank Accession Number:**

NM\_004459

**GeneID (NCBI):**

2186

**UNIPROT ID:**

Q12830

**Full Name:**bromodomain PHD finger  
transcription factor**Calculated MW:**

338 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, ELISA

**Cited Applications:**

WB, IHC, ChIP

**Species Specificity:**

Human

**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**

**Positive Controls:**

**IHC :** human breast cancer tissue, human colon cancer tissue, human liver cancer tissue, human ovary tumor tissue

**IF/ICC :** HepG2 cells,

## 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

For technical support and original validation data for this product please contact:

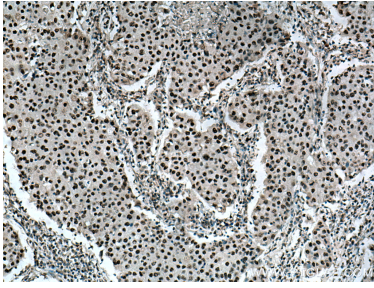
T: 4006900926

E: Proteintech-CN@ptglab.com

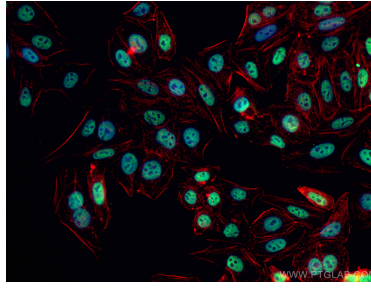
W: ptgcn.com

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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 AffiniPure Goat Anti-Rabbit IgG(H+L).