

For Research Use Only

# BPTF Polyclonal antibody

Catalog Number: 28016-1-AP



## Basic Information

<b>Catalog Number:</b> 28016-1-AP	<b>GenBank Accession Number:</b> NM_004459	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 300 µg/ml	<b>GeneID (NCBI):</b> 2186	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q12830	
<b>Isotype:</b> IgG	<b>Full Name:</b> bromodomain PHD finger transcription factor	
<b>Immunogen Catalog Number:</b> AG27761	<b>Calculated MW:</b> 338 kDa	

## Applications

### Tested Applications:

IF/ICC, IHC, ELISA

### Species Specificity:

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 : 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)

## 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:

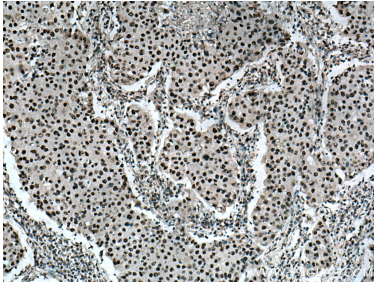
T: 4006900926

E: Proteintech-CN@ptglab.com

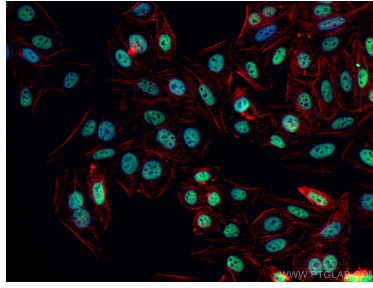
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## Selected Validation Data



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).