

For Research Use Only

# BLZF1 Polyclonal antibody

Catalog Number: 16354-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 16354-1-AP	<b>GenBank Accession Number:</b> BC020716	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 160 µg/ml	<b>GeneID (NCBI):</b> 8548	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H2G9	
<b>Isotype:</b> IgG	<b>Full Name:</b> basic leucine zipper nuclear factor 1	
<b>Immunogen Catalog Number:</b> AG9564	<b>Calculated MW:</b> 400 aa, 45 kDa	
	<b>Observed MW:</b> 45 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells, Jurkat cells
<b>Cited Applications:</b> WB	<b>IHC :</b> human liver cancer tissue, mouse liver tissue
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

BLZF1 (basic leucine zipper nuclear factor 1), also known as JEM1 or Golgin-45, maps to human chromosome 1q24, encodes for a 3 kb mRNA that is translated into a 45 kDa protein. BLZF1 is a member of b-ZIP family, and has been implicated in epigenetic regulation and Wnt/β-catenin signaling.

## Notable Publications

Author	Pubmed ID	Journal	Application
Maryam Arab	36512212	Methods Mol Biol	WB
Michael E Bekier	28814501	Mol Biol Cell	WB

## 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:

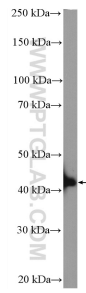
T: 4006900926

E: Proteintech-CN@ptglab.com

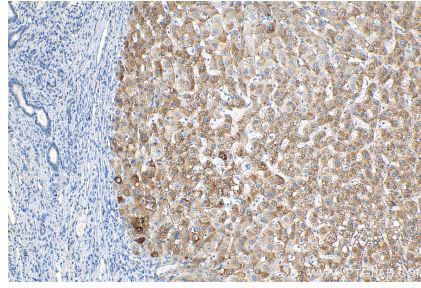
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

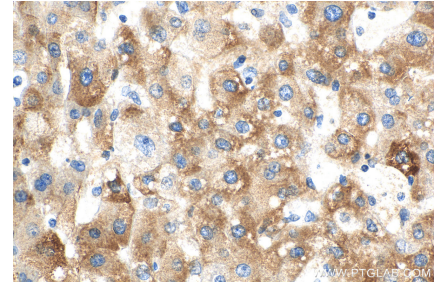
## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 16354-1-AP (BLZF1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16354-1-AP (BLZF1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16354-1-AP (BLZF1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).