

For Research Use Only

# GRP78,BIP Recombinant antibody

Catalog Number:80849-1-RR

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 80849-1-RR	<b>GenBank Accession Number:</b> BC020235	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3309	<b>CloneNo.:</b> 5F17
<b>Source:</b> Rabbit	<b>Full Name:</b> heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:2000-1:8000
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 78 kDa	
<b>Immunogen Catalog Number:</b> AG2188	<b>Observed MW:</b> 70,78 kDa	

## Applications

**Tested Applications:**  
IHC, WB, ELISA

**Cited Applications:**  
IF

**Species Specificity:**  
Human

**Cited Species:**  
pig

**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:**

**WB :** HepG2 cells, HeLa cells, HepG2 cells, Jurkat cells, NIH/3T3 cells, RAW264.7 cells, HSC-T6 cells, pig liver tissue

**IHC :** human colon cancer tissue, human pancreas cancer tissue, human breast cancer tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yanan Chen	36225099	J Agric Food Chem	IF

## 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

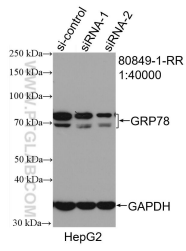
For technical support and original validation data for this product please contact:

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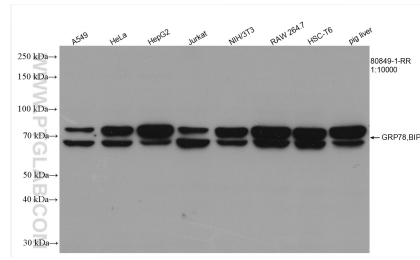
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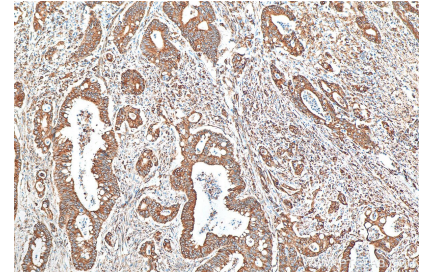
## Selected Validation Data



WB result of GRP78,BIP antibody (80849-1-RR; 1:16000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GRP78,BIP transfected HepG2 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 80849-1-RR (GRP78,BIP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 80849-1-RR (GRP78,BIP antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).