

For Research Use Only

# GRP78,BIP Recombinant antibody

Catalog Number: 80849-1-RR

Featured Product

1 Publications



## Basic Information

Catalog Number:

80849-1-RR

Size:

1000  $\mu$ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2188

GenBank Accession Number:

BC020235

GeneID (NCBI):

3309

UNIPROT ID:

P11021

Full Name:

heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)

Calculated MW:

78 kDa

Observed MW:

70,78 kDa

Purification Method:

Protein A purification

CloneNo.:

5F17

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:2000-1:8000

## 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

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

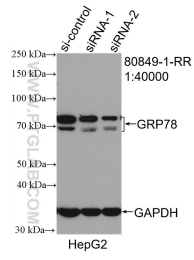
T: 4006900926

E: Proteintech-CN@ptglab.com

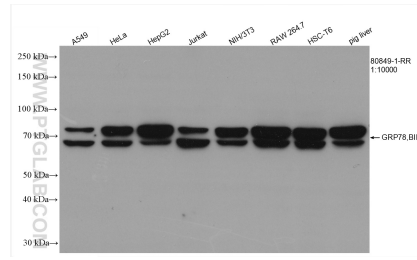
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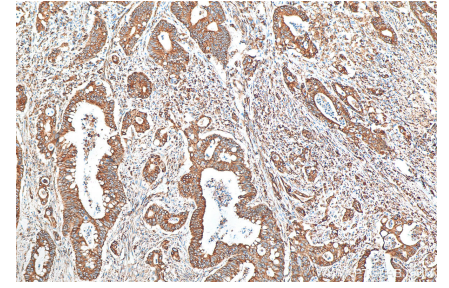
## Selected Validation Data



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).