

For Research Use Only

# GRP Polyclonal antibody

Catalog Number: 28482-1-AP

2 Publications



## Basic Information

Catalog Number:

28482-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29357

GenBank Accession Number:

BC004488

GeneID (NCBI):

2922

UNIPROT ID:

P07492

Full Name:

gastrin-releasing peptide

Calculated MW:

16 kDa

Observed MW:

16-18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:500-1:2000

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IHC

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:

WB : SH-SY5Y cells,

IHC : human lung cancer tissue, human colon cancer tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Muhammad Khan	36389725	Front Immunol	IHC
John M Allman	21534993	Ann N Y Acad Sci	IHC

## 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

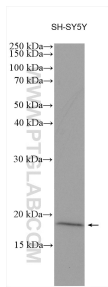
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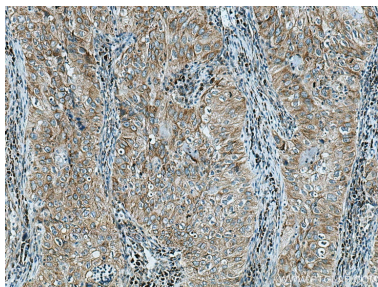
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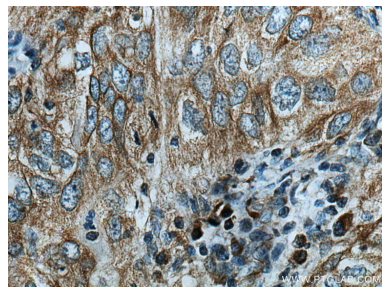
## Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 28482-1-AP (GRP antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 28482-1-AP (GRP antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 28482-1-AP (GRP antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).