

For Research Use Only

# GPRASP1-Specific Polyclonal antibody

Catalog Number: 20020-1-AP

1 Publications



## Basic Information

### Catalog Number:

20020-1-AP

### Size:

150ul, Concentration: 260 ug/ml by Nanodrop and 193 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_014710

### GeneID (NCBI):

9737

### UNIPROT ID:

Q5JY77

### Full Name:

G protein-coupled receptor associated sorting protein 1

### Calculated MW:

157 kDa

### Observed MW:

157 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse

### Cited Species:

mouse

**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 : HeLa cells, HepG2 cells, human brain tissue, mouse brain tissue

IHC : human brain tissue,

## Background Information

GPRASP1, also named as GASP, GASP1 and KIAA0443, belongs to the GPRASP family. GPRASP1 may modulate lysosomal sorting and functional down-regulation of a variety of G-protein coupled receptors. It targets receptors for degradation in lysosomes. The antibody is specific to GPRASP1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Baining Zhang	38284902	Aging (Albany NY)	WB, 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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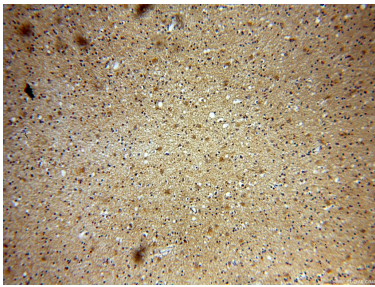
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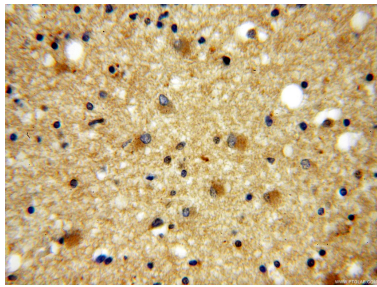
# Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 20020-1-AP (GPRASP1-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 20020-1-AP (GPRASP1-Specific antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 20020-1-AP (GPRASP1-Specific antibody) at dilution of 1:100 (under 40x lens).