

For Research Use Only

# GILZ Polyclonal antibody

Catalog Number: 12352-1-AP

4 Publications



## Basic Information

### Catalog Number:

12352-1-AP

### Size:

550 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3015

### GenBank Accession Number:

BC018148

### GeneID (NCBI):

1831

### UNIPROT ID:

Q99576

### Full Name:

TSC22 domain family, member 3

### Calculated MW:

134 aa, 15 kDa

### Observed MW:

17 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, rat

**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 : mouse brain tissue,

IHC : mouse liver tissue,

IF/ICC : U2OS cells,

## Background Information

GILZ, also known as TSC22D3 and DSIPI, is a glucocorticoid responsive protein and is thought to mediate some of the anti-inflammatory effects of glucocorticoid receptors (GRs). GILZ is mainly localized in the cytoplasm. It is an anti-inflammatory molecule that could mediate the immunomodulatory activities of GCs and also plays a role in cell differentiation in various cells and tissues (PMID: 35011684).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ruiping Gu	28129426	Invest Ophthalmol Vis Sci	WB
Ruiping Gu	28238753	Exp Eye Res	WB
Meiyu Huang	39500392	J Adv Res	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:

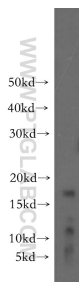
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

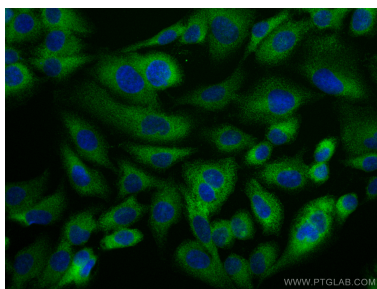
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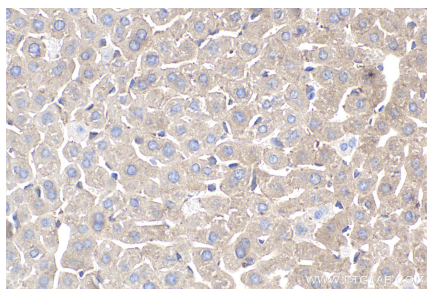
## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12352-1-AP (GILZ antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using GILZ antibody (12352-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 12352-1-AP (GILZ antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).