

For Research Use Only

GILZ Polyclonal antibody

Catalog Number: 12352-1-AP

4 Publications



Basic Information

Catalog Number: 12352-1-AP	GenBank Accession Number: BC018148	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1831	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q99576	
Isotype: IgG	Full Name: TSC22 domain family, member 3	
Immunogen Catalog Number: AG3015	Calculated MW: 134 aa, 15 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : mouse brain tissue, IHC : mouse liver tissue, IF/ICC : U2OS cells,
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	

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

*** 20ul sizes contain 0.1% BSA

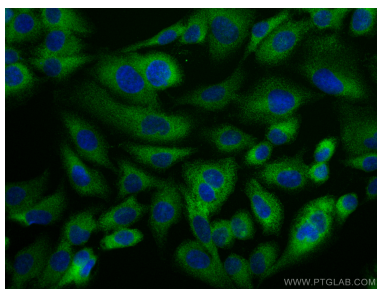
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

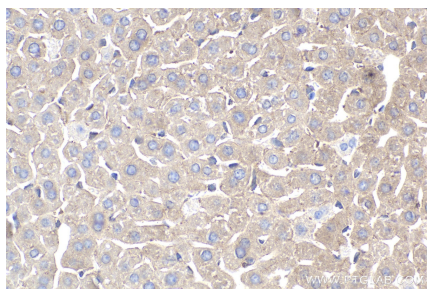
Selected Validation Data



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).