For Research Use Only

GILZ Polyclonal antibody

Catalog Number:12352-1-AP 3 Publications

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Basic Information

Catalog Number:
12352-1-AP

Size:
150ul , Concentration: 550 ug/ml by Nanodrop and 227 ug/ml by Bradford method using BSA as the standard;

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

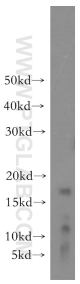
Author	Pubmed ID	Journal	Application
Ruiping Gu	28129426	Invest Ophthalmol Vis Sci	WB
Ruiping Gu	28238753	Exp Eye Res	WB
Ruiping Gu	28728173	Invest Ophthalmol Vis Sci	WB

Storage

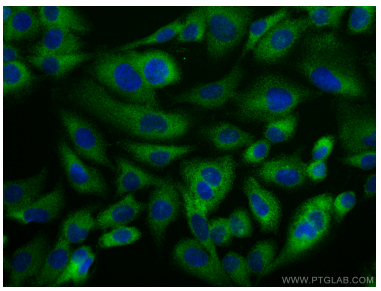
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

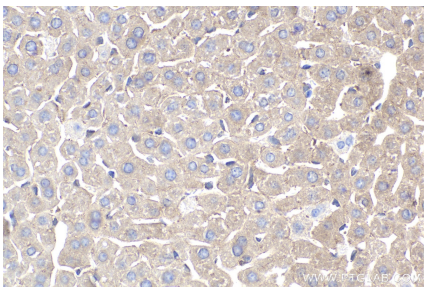
Selected Validation Data



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).