GCH1 Polyclonal antibody

Catalog Number:28501-1-AP **5 Publications**

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
28501-1-AP

Size:
650 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG28896

GenBank Accession Number:
BC025415

GeneID (NCBI):
2643

UNIPROT ID:
P30793

Full Name:
GTP cyclohydrolase 1

Calculated MW:
28 kDa

Observed MW:
30-35 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:6000
IHC 1:200-1:800

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
IF, WB

Species Specificity:
Human, mouse, rat

Cited Species:
human, 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 : HEK-293 cells, mouse liver tissue, rat liver tissue

IHC : rat liver tissue, mouse liver tissue

Background Information

Notable Publications

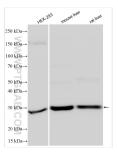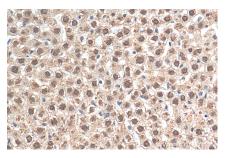| Author	Pubmed ID	Journal	Application
Jiujian Zheng	36196723	Eur Rev Med Pharmacol Sci	WB
Dong Liu	36627132	Adv Sci (Weinh)	WB
Tanxiu Chen	36572150	Virol Sin	WB,IF

Storage

Storage:
Store at -20℃. 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

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 28501-1-AP (GCH1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 28501-1-AP (GCH1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).