GALT Polyclonal antibody

Catalog Number:**17035-1-AP**   `3 Publications`

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

Basic Information

Catalog Number:
17035-1-AP

Concentration:
133 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10524

GenBank Accession Number:
BC015045

GeneID (NCBI):
2592

UNIPROT ID:
P07902

Full Name:
galactose-1-phosphate uridylyltransferase

Calculated MW:
379 aa, 43 kDa

Observed MW:
45-48 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:1000
IHC: 1:20-1:200

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB, IF

Species Specificity:
human

Cited Species:
human

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 : human liver tissue,

IHC : human liver tissue,

Background Information

GALT (galactose-1-phosphate uridylyltransferase) catalyses the second step in the Leloir pathway for the conversion of galactose-l-phosphate (Gal-I-P) into uridine diphosphogalactose (UDP-gal). Defects in GALT cause galactosemia.

Notable Publications

Author	Pubmed ID	Journal	Application
Yinxian Wen	25202993	PLoS One	WB
Sher Li Oh	31774565	J Inherit Metab Dis	WB
Wojciech Wiertelak	40230451	Front Mol Biosci	WB,IF

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage
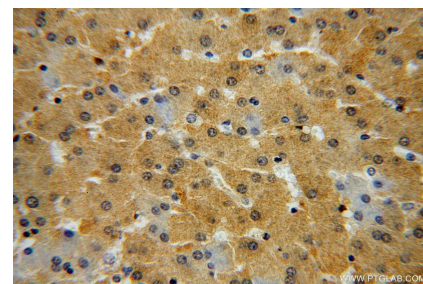
human liver tissue were subjected to SDS PAGE followed by western blot with 17035-1-AP (GALT antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.
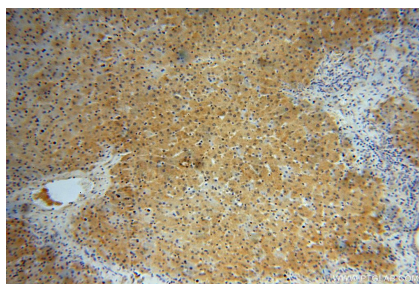
Immunohistochemical analysis of paraffin-embedded human liver using 17035-1-AP (GALT antibody) at dilution of 1:100 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human liver using 17035-1-AP (GALT antibody) at dilution of 1:100 (under 40x lens).