

PACO49622

Product Information

Size:

50ug

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF, IP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000,
IHC:1:20-1:200, IF:1:50-1:200, IP:1:200-
1:2000,

Protein Background:

Catalyzes the attachment of glycine to tRNA(Gly). Is also able produce diadenosine tetraphosphate (Ap4A), a universal pleiotropic signaling molecule needed for cell regulation pathways, by direct condensation of 2 ATPs.

Gene ID:

GARS

Uniprot

P41250

Synonyms:

Glycine--tRNA ligase (EC 3.6.1.17) (EC 6.1.1.14) (Diadenosine tetraphosphate synthetase) (AP-4-A synthetase) (Glycyl-tRNA synthetase) (GlyRS), GARS

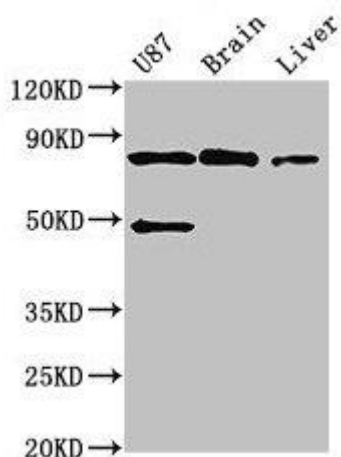
Immunogen:

Recombinant Human Glycine--tRNA ligase protein (1-389AA).

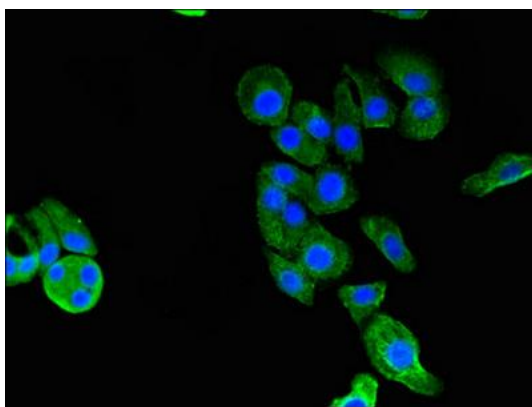
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

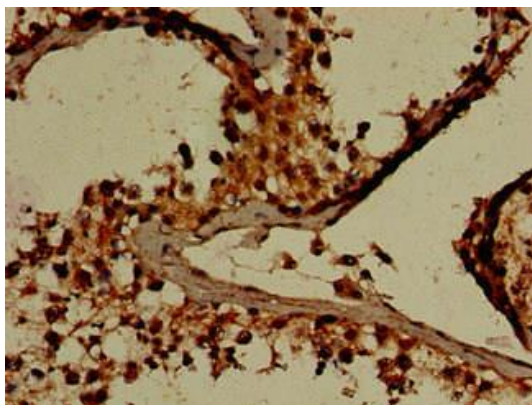
Product Images



Western Blot. Positive WB detected in: U87 whole cell lysate, Mouse brain tissue, Mouse liver tissue. All lanes: GARS antibody at 3 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 84 kDa. Observed band size: 84 kDa.



Immunofluorescent analysis of HepG2 cells using PACO49622 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry of paraffin-embedded human testis tissue using PACO49622 at dilution of 1:100.