

GLUL

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 42kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human GLUL

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GS; GLNS; PIG43; PIG59

Catalog #: A5437

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2752

Isotype: IgG

Swiss Prot: P15104

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene belongs to the glutamine synthetase family. It catalyzes the synthesis of glutamine from glutamate and ammonia. Glutamine is a main source of energy and is involved in cell proliferation, inhibition of apoptosis, and cell signaling. This gene is expressed during early fetal stages, and plays an important role in controlling body pH by removing ammonia from circulation. Mutations in this gene are associated with congenital glutamine deficiency. Several alternatively spliced transcript variants have been found for this gene.

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