



A93761Hu01

Polyclonal Antibody to Glutamine synthetase (GS)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in September, 2012)

[**PRODUCT INFORMATION**]

Immunogen: GS

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Human

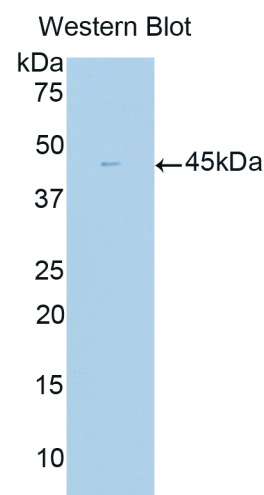
Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Form: Liquid

Size: 100µg



Sample: Recombinant human GS

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant human GS (Met1~Asn373) expressed in *E.coli*.

Molecular Weight: 43.6 kDa

USCN accession No.: P93761Hu01

Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-MTTSASSHLN KGIKQVYMSL PQGEKVQAMY IWIDGTGEGL RCKTRTL DSE PKCVEELPEW NFDGSSTLQS
EGNSNDMYLV PAAMFRDPFR KDPNKLVLCE VFYKYNRRPAE TNLRHTCKRI MDMVSNQHPW FGMEQEYTLM GTDGHFPFGWP
SNGFPGPQGP YYCGVGADRA YGRDIVEAHY RACLYAGVKI AGTNAEVMPA QWEFQIGPCE GISMGDHLWV ARFILHRVCE
DFGVIATFDP KPIPGNWNGA GCHTNFSTKA MREENGLKYI EEAIEKLSKR HQYHIRAYDP KGGLDNARRL TGFHETSIN
DFSAGVANRS ASIRIPRTVG QEKKGYFEDR RPSANCDPFS VTEALIRTCL LNETGDEPFQ YKN



[ANTIBODY SPECIFICITY]

Anti GS is a rabbit polyclonal antibody raised against human GS. This antibody has been selected for its ability to recognize human GS in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

