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GLS2 Rabbit pAb

Catalog No.: A16029 2 Publications

Basic Information

Observed MW
66kDa

Calculated MW
66kDa

Category
Primary antibody

Applications
ELISA,WB,IF/ICC

Cross-Reactivity
Human, Mouse, Rat

Background

The protein encoded by this gene is a mitochondrial phosphate-activated glutaminase that catalyzes the hydrolysis of glutamine to stoichiometric amounts of glutamate and ammonia. Originally thought to be liver-specific, this protein has been found in other tissues as well. Alternative splicing results in multiple transcript variants that encode different isoforms.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID
27165

Swiss Prot
Q9UI32

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 545-602 of human GLS2 (NP_037399.2).

Synonyms
GA; GLS; LGA; hLGA; GLS2

Contact

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Product Information

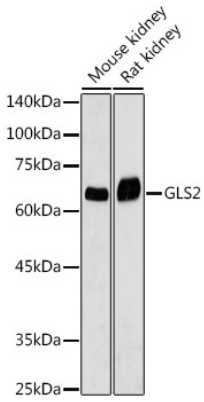
Source
Rabbit

Isotype
IgG

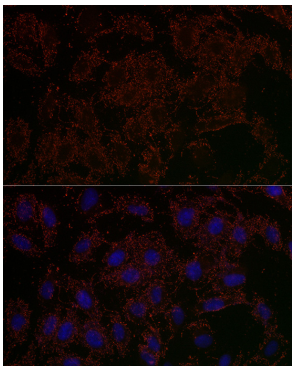
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GLS2 antibody (A16029) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.



Immunofluorescence analysis of U2OS cells using GLS2 Rabbit pAb (A16029) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.

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Please visit http://abclonal.com for a complete listing of recommended products.