

Product Datasheet

GLS Antibody (C-term) (orb1928270)

Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-P, WB
Target	This GLS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 516-545 amino acids from the C-terminal region of human GLS.
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Isotype	Rabbit IgG
Clonality	Polyclonal
Clone Number	RB22875
Antibody Type	Primary Antibody
MW	73461 Da
Uniprot ID	O94925
NCBI	NP_001243239.1, NP_055720.3

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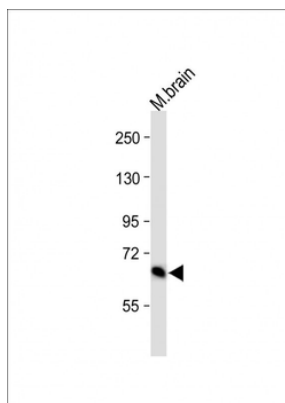
68 TW Alexander Drive,
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Dilution Range

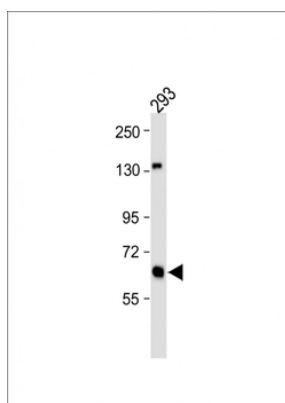
WB: 1:1000, WB: 1:1000, IF: 1:25, IF: 1:25, IF: 1:25, WB: 1:1000, WB: 1:2000

Expiration Date

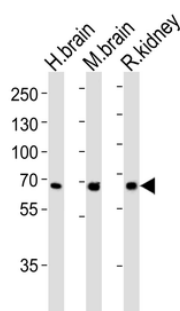
12 months from date of receipt.



All lanes: Anti-GLS Antibody (C-term) at 1:1000 dilution. Lane 1: mouse brain lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size: 65 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: Anti-GLS Antibody (C-term) at 1:1000 dilution. Lane 1: 293 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size: 65 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



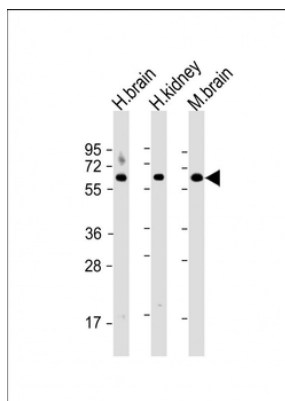
Western blot analysis of lysates from human brain, mouse brain and rat kidney tissue lysate (from left to right), using GLS Antibody (C-term). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

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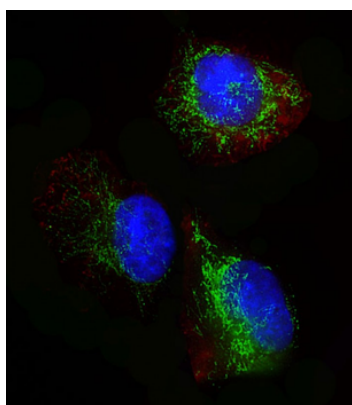
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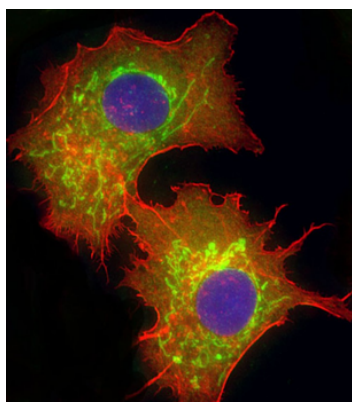
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All lanes: Anti-GLS Antibody (C-term) at 1:2000 dilution. Lane 1: human brain lysate. Lane 2: human kidney lysate. Lane 3: mouse brain lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 73 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-251 MG cells labeling GLS at 1/25 dilution, followed by Dylight 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Cytoplasm staining on U-251 MG cell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin (red). The nuclear counter stain is DAPI (blue).



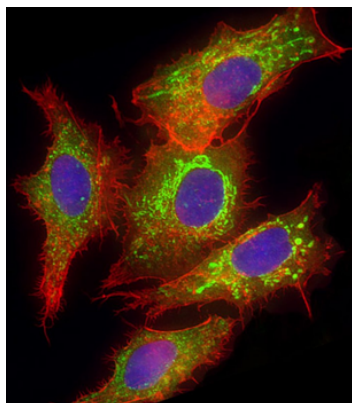
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HepG2 (human liver hepatocellular carcinoma cell line) cells labeling GLS at 1/25 dilution, followed by Dylight 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing mitochondrion staining on HepG2 cell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).

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