

GLO1 Rabbit mAb

Catalog No: #59906

Package Size: #59906-1 50ul #59906-2 100ul

Description

Product Name	GLO1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	GLO1 Antibody detects endogenous levels of total GLO1
Immunogen Description	A synthesized peptide derived from human GLO1
Other Names	Aldoketomutase; glo1; GLOD1; Glx I; GLYI;
Accession No.	Uniprot:Q04760
Calculated MW	Predicted band size: 21 kDa
SDS-PAGE MW	Observed band size: 21 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

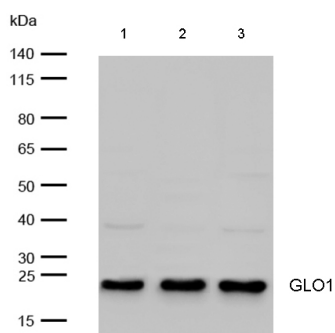
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: GLO1 Rabbit mAb at 1/1k dilution

Lane 1 : JK whole cell lysates Lane 2 : HepG2 whole cell lysates Lane 3 : MCF-7 whole cell lysates
Lysates/proteins at 20 µg per lane.

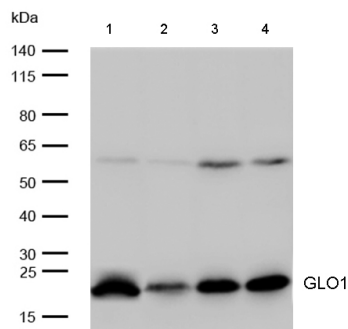
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 21 kDa

Observed band size: 21 kDa

Exposure time: 4 seconds



All lanes: GLO1 Rabbit mAb at 1/1k dilution

Lane 1 : Mouse brain lysates Lane 2 : Mouse skin lysates

Lane 3 : Rat brain lysates Lane 4 : Rat skin lysates

Lysates/proteins at 20 µg per lane.

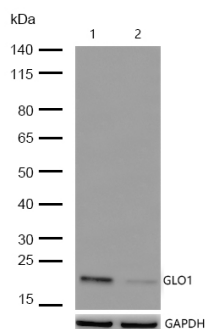
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 21 kDa

Observed band size: 21 kDa

Exposure time: 6 seconds

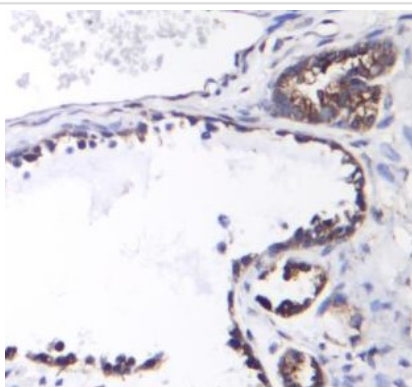


All lanes:GLO1 Rabbit mAb at 1/1k dilution

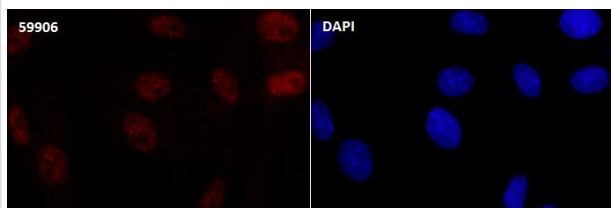
Lane 1 : Wild-type HAP1 cell lysate

Lane 2 :GLO1 Rabbit mAb knockdown HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human thyroid cancer tissue stained for GLO1 using 59906 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence GLO1 antibody (59906)

ICC/IF staining of GLO1 in SH-SY5Y cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59906 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

Catalyzes the conversion of hemimercaptal, formed from methylglyoxal and glutathione, to S-lactoylglutathione.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.