Rabbit Glyoxalase I Polyclonal Antibody | anti-GLO1 antibody

Glyoxalase I Antibody

CATALOG #	HOST	APPLICATIONS
AAA225286	**Rabbit**	**Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence**

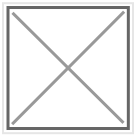
PRODUCT SYNONYMS

Glyoxalase I; Polyclonal Antibody; Glyoxalase I Antibody; Affinity Purified Rabbit Polyclonal Glyoxalase I Antibody; Polyclonal Glyoxalase I antibody; Anti-Glyoxalase I antibody; GLYI antibody; GLO1 antibody; S-D-lactoylglutathione methylglyoxal lyase antibody; GLOD1 antibody; aldoketomutase antibody; lactoylglutathione lyase antibody; glyoxalase domain containing 1 antibody; lactoyl glutathione lyase antibody; methylglyoxalase antibody; anti-GLO1 antibody

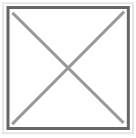
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated soloution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	315
Applicable Applications for anti-GLO1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Glyoxalase I antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 184 of Glyoxalase I
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical staining of paraffin-embedded OVCA using Glyoxalase I antibody at a dilution of 1:100



IF (Immunofluorescence)
Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using glyoxalase I antibody at 1:200 dilution.

WB (Western Blot)
Western blot analysis of 30 ug whole cell lysate (A: 293T; B: A431; C: H1299; D: HeLa S3; E: Hep G2; F: MOLT4; G: Raji) using a 12% SDS PAGE gel and Glyoxalase I antibody at a dilution of 1:1000

WB (Western Blot)
Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 12% SDS PAGE gel and Glyoxalase I antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-GLO1 antibody	The enzyme encoded by this gene is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutatione. Glyoxalase I is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere.
Product Categories/Family for anti-GLO1 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	295389235
Molecular Weight	21 kDa
NCBI Official Full Name	glyoxalase I

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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