

Rabbit Glyoxalase I Polyclonal Antibody | anti-GLO1 antibody

Rabbit anti-Glyoxalase I Antibody

CATALOG # AAA222012	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Glyoxalase I; Polyclonal Antibody; Rabbit anti-Glyoxalase I Antibody; Lactoylglutathione lyase; Aldoketomutase; Glx I; Ketone-aldehyde mutase; Methylglyoxalase; S-D-lactoylglutathione methylglyoxal lyase; anti-GLO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-GLO1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human Glyoxalase I
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of Glyoxalase I staining in mouse kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Glyoxalase I expression in 22RV1 (A), PC3 (B), mouse kidney (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GLO1 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134039205
NCBI GeneID	2739
UniProt Accession #	Q04760; Q9CPU0; Q6P7Q4

Molecular Weight	Calculated: 19kDa/20kDa Observed: 21kDa
NCBI Official Full Name	Lactoylglutathione lyase
NCBI Official Synonym Full Names	glyoxalase I
NCBI Official Symbol	GLO1
NCBI Official Synonym Symbols	GLYI; GLOD1; HEL-S-74
NCBI Protein Information	lactoylglutathione lyase; glx I; aldoketomutase; methylglyoxalase; ketone-aldehyde mutase; lactoyl glutathione lyase; glyoxalase domain containing 1; epididymis secretory protein Li 74; S-D-lactoylglutathione methylglyoxal lyase
UniProt Protein Name	Lactoylglutathione lyase
UniProt Gene Name	GLO1
UniProt Synonym Gene Names	Glx I
UniProt Entry Name	LGUL_HUMAN

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glyoxalase-i-antibody-immunohistochemistry-western-blot-elisa/222012>