

Rabbit Glyoxalase I Polyclonal Antibody | anti-GLO1 antibody

Anti-Glyoxalase I Antibody

CATALOG # AAA262102	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Glyoxalase I; Polyclonal Antibody; 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
Specificity	Recognizes endogenous levels of Glyoxalase I protein.
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.
Sequence Length	169
Applicable Applications for anti-GLO1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human Glyoxalase I
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid 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

Related Product Information for anti-GLO1 antibody	Rabbit polyclonal antibody to Glyoxalase I
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118402586
NCBI GeneID	2739

NCBI Accession #	NP_006699.2
NCBI GenBank Nucleotide #	NM_006708.2
UniProt Accession #	Q04760 ; P78375 ; Q59EL0 ; Q5TZW3 ; Q96FC0 ; Q96J41 ; B2R6P7 ; B4DDV0
Molecular Weight	19,043 Da
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
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/262102>