

Rabbit anti-Human glyoxalase I Polyclonal Antibody | anti-GLO1 antibody

glyoxalase I antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304074	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

glyoxalase I; Polyclonal Antibody; glyoxalase I antibody; anti-GLO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	184
Applicable Applications for anti-GLO1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 171 of glyoxalase I
Target Name	glyoxalase I
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded OVCA, using GLO1 antibody at 1: 100 dilution.



Application Data

Sample(30ug whole cell lysate)A: 293TB: A431 C: H1299D: HeLa S3 E: Hep G2 F: MOLT4 G: Raji 12% SDS PAGEPrimary antibody diluted at 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 glutathione. Glyoxalase I is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere. [provided by RefSeq]
Product Categories/Family for anti-GLO1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	118402586
NCBI GeneID	2739
NCBI Accession #	NP_006699
NCBI GenBank Nucleotide #	NM_006708.2
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-immunofluorescence-immunohistochemistry-western-blot-elisa/304074>