Rabbit anti-Human GLO1/Glyoxalase I Polyclonal Antibody | anti-GLO1 antibody

Rabbit anti-GLO1/Glyoxalase I Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213198	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

GLO1/Glyoxalase I; Polyclonal Antibody; Rabbit anti-GLO1/Glyoxalase I Antibody; Affinity Purified; HEL-S-74; S-D-lactoylglutathione methylglyoxal lyase; methylglyoxalase; lactoylglutathione lyase; lactoyl glutathione lyase; Glyoxalase I; glyoxalase domain containing 1; GLYI; glx I; GLOD1; epididymis secretory protein Li 74; aldoketomutase; ketone-aldehyde mutase; Lactoylglutathione lyase; glyoxalase I; anti-GLO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GLO1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 134 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human GLO1/Glyoxalase I by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GLO1/Glyoxalase Iantibody AAA213198 (lot AAA213198-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

IP (Immunoprecipitation)
Detection of human GLO1/Glyoxalase I by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-GLO1/Glyoxalase I antibody AAA213198 (lot AAA213198-1) used for IP at 6 ug per reaction. GLO1/Glyoxalase I was also immunoprecipitated by rabbit anti-GLO1/Glyoxalase I antibody For blotting immunoprecipitated GLO1/Glyoxalase I, AAA213198 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-GLO1 antibody	Glyoxylase I is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutatione [taken from NCBI Entrez Gene (Gene ID: 2739)].
Product Categories/Family for anti-GLO1 antibody	Primary Antibodies

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; S-D-lactoylglutathione methylglyoxal lyase; aldoketomutase; epididymis secretory protein Li 74; glx I; glyoxalase domain containing 1; ketone-aldehyde mutase; lactoyl glutathione lyase; methylglyoxalase
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/glo1-glyoxalase-i-antibody-immunoprecipitation-western-blot-elisa/213198