

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

GLO1 Antibody

CATALOG # AAA119336	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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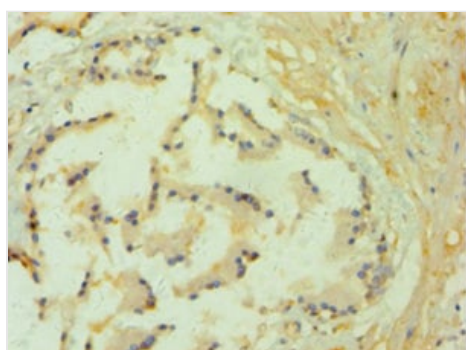
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	184
Applicable Applications for anti-GLO1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Lactoylglutathione lyase protein (1-184aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-50731 / sc-50732 / sc-67351
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human prostate tissue using AAA119336 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: GLO1 antibody at 2ug/mlLane 1:HepG2 whole cell lysateLane 2:Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 21,20 kDaObserved band size: 21 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GLO1 antibody	Catalyzes the conversion of hemimercaptal, formed from methylglyoxal and glutathione, to S-lactoylglutathione. Involved in the regulation of TNF-induced transcriptional activity of NF-kappa-B. Required for normal osteoclastogenesis.
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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; Q59ELO; 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/glo1-antibody-immunohistochemistry-western-blot-elisa/119336>