

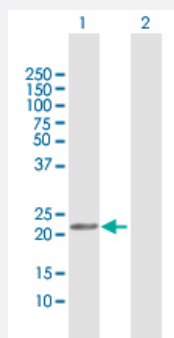
MaxPab®

GLO1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002739-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GLO1 expression in transfected 293T cell line ([H00002739-T02](#)) by GLO1 MaxPab polyclonal antibody.

Lane 1: GLO1 transfected lysate(20.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GLO1 protein.
Immunogen	GLO1 (AAH15934.1, 1 a.a. ~ 184 a.a) full-length human protein.
Sequence	MAEPQPPSGGLTDEAALSCCSDADPSTKDFLLQQTMLRVKDPKKSDFYTRVLGMTLIQKCDFPI MKFSLYFLAYEDKNDIPKEKDEKIAWALSRKATLELTHNWGTEDDATQSYHNGNSDPRGFGHIGIA VPDVYSACKRFEELGVKFVKKPDDGKMKGLAFIQDPDGYWIELNPNKMATLM
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — GLO1

Entrez GeneID [2739](#)

GeneBank Accession# [NM_006708.1](#)

Protein Accession# [AAH15934.1](#)

Gene Name GLO1

Gene Alias GLOD1, GLY1

Gene Description glyoxalase I

Omim ID [138750 209850](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000016339|glyoxalase domain containing 1|lactoyl glutathione lyase|lactoylglutathione lyase

Pathway

- [Pyruvate metabolism](#)

Disease

- [Albuminuria](#)

- [Alcoholism](#)

- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Genetic Predisposition to Disease](#)
- [Interview](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Multiple Sclerosis](#)
- [Pancreatic Neoplasms](#)
- [Panic Disorder](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)
- [Uremia](#)
- [Vascular Diseases](#)