

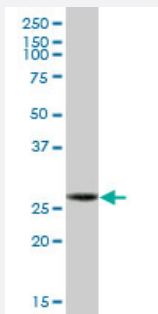
MaxPab®

GCLM purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002730-B01P

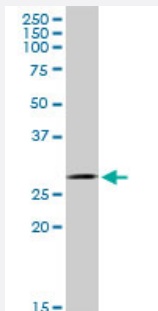
Size 50 ug

Applications



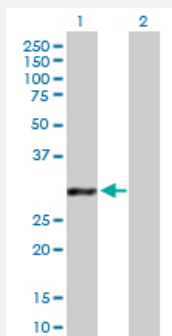
Western Blot (Tissue lysate)

GCLM MaxPab polyclonal antibody. Western Blot analysis of GCLM expression in human liver.



Western Blot (Cell lysate)

GCLM MaxPab polyclonal antibody. Western Blot analysis of GCLM expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of GCLM expression in transfected 293T cell line ([H00002730-T01](#)) by GCLM MaxPab polyclonal antibody.

Lane 1: GCLM transfected lysate(30.14 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GCLM protein.

Immunogen	GCLM (NP_002052.1, 1 a.a. ~ 274 a.a) full-length human protein.
Sequence	MGTD SRAAKALLARARTLHLQTGNLLNWGRLRKKCPSTHSEELHDCIQKTLNEWSSQINPDLVRE FPDVLECTVSHAVEKINPDEREEMKVS AKLFIVESNSSSSSTRSAVDMACSVLGVAQLDSVVIASPP IEDGVNLSLEHLQPYWEELENLVQSKKVAIGTSDLDKTQLEQLYQWAQVKPNSNQVNLASCCVM PPDLTAF AKQFDIQLLTHNDPKELLSEASFQEALQESIPDIQAHEWVPLWLLRYSVIVKSRGIKSKG YILQAKRRGS
Host	Mouse
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.

Applications

- Western Blot (Tissue lysate)

GCLM MaxPab polyclonal antibody. Western Blot analysis of GCLM expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

GCLM MaxPab polyclonal antibody. Western Blot analysis of GCLM expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GCLM expression in transfected 293T cell line ([H00002730-T01](#)) by GCLM MaxPab polyclonal antibody.

Lane 1: GCLM transfected lysate(30.14 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — GCLM

Entrez GeneID [2730](#)

GeneBank Accession# [NM_002061.2](#)

Protein Accession#	NP_002052.1
Gene Name	GCLM
Gene Alias	GLCLR
Gene Description	glutamate-cysteine ligase, modifier subunit
Omim ID	601176
Gene Ontology	Hyperlink
Gene Summary	Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase, is the first rate limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. Gamma glutamylcysteine synthetase deficiency has been implicated in some forms of hemolytic anemia. [provided by RefSeq]
Other Designations	GSC light chain OTTHUMP00000012299 gamma-glutamylcysteine synthetase glutamate-cysteine ligase (gamma-glutamylcysteine synthetase), regulatory (30.8kD) glutamate-cysteine ligase regulatory protein

Pathway

- [Glutathione metabolism](#)
- [Metabolic pathways](#)

Disease

- [Amphetamine-Related Disorders](#)
- [Arsenic Poisoning](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Berylliosis](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Infarction](#)

- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
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- [Lung Neoplasms](#)
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