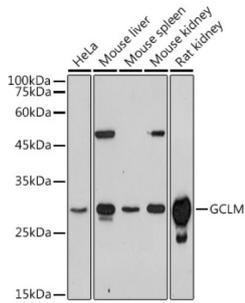
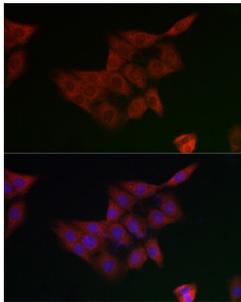


Glutamate Cysteine Ligase, Modifier Subunit (GCLM) Antibody

Catalogue No.: abx004063



Western blot analysis of extracts of various cell lines, using GCLM antibody (1/1000 dilution).



Immunofluorescence analysis of PC-12 cells, using GCLM antibody (1/100 dilution, x40 lens).
Blue: DAPI for nuclear staining.

GCLM Antibody is a Rabbit Polyclonal antibody against GCLM. 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.

Target:	Glutamate Cysteine Ligase, Modifier Subunit (GCLM)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/1000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-274 of human GCLM.
Isotype:	IgG

Datasheet

Version: 2.0.0
Revision date: 31 Oct 2024



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P48507 (UniProt , ExpASY)
Gene Symbol:	GCLM
GeneID:	2730
NCBI Accession:	NP_002052.1
KEGG:	hsa:2730
String:	9606.ENSP00000359258
Molecular Weight:	Calculated MW: 31 kDa Observed MW: 31 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	0.375 mg/ml
Note:	This product is for research use only.

For Reference Only