

Rabbit anti-Human, Rat GCLM Polyclonal Antibody | anti-GCLM antibody

GCLM Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233690	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

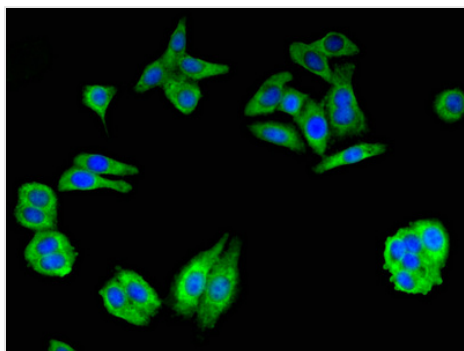
PRODUCT SYNONYMS

GCLM; Polyclonal Antibody; GCLM Antibody; Glutamate--cysteine ligase regulatory subunit; GCS light chain; Gamma-ECS regulatory subunit; Gamma-glutamylcysteine synthetase regulatory subunit; Glutamate--cysteine ligase modifier subunit; GLCLR; anti-GCLM antibody

PRODUCT SPECIFICATIONS

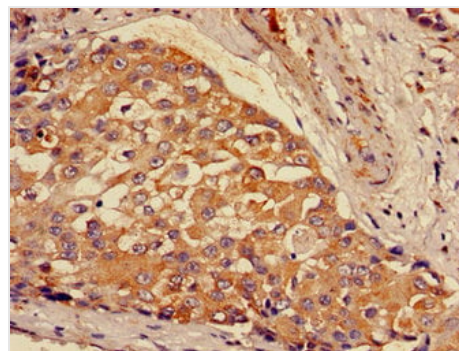
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	252
Applicable Applications for anti-GCLM antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Glutamate--cysteine ligase regulatory subunit protein (1-274AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



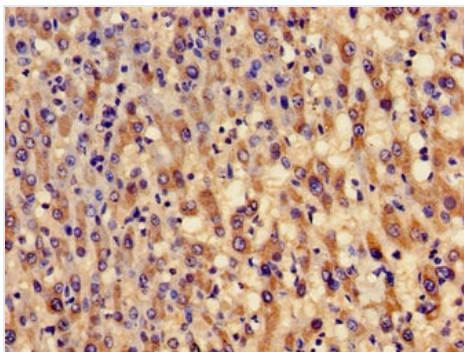
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233690 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



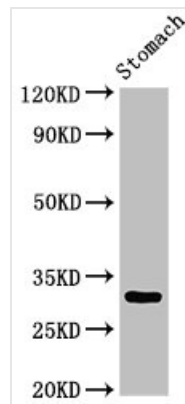
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA233690 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA233690 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: Rat stomach tissue
All lanes: GCLM antibody at 3ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 31, 29 kDa
Observed band size: 31 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GCLM antibody	cytosol, glutamate-cysteine ligase complex, enzyme regulator activity, glutamate-cysteine ligase catalytic subunit binding, glutamate metabolic process, glutathione biosynthetic process, positive regulation of glutamate-cysteine ligase activity, regulation of blood vessel size, response to drug, response to oxidative stress
Product Categories/Family for anti-GCLM antibody	Neuroscience; Cancer; Cell biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	821325134
NCBI GeneID	2730
NCBI Accession #	NP_001295182.1
NCBI GenBank Nucleotide #	NM_001308253.1
UniProt Accession #	P48507; Q6FHC1; Q9NPX9; Q9NU74; A8K334; D3DT45; M5A959
Molecular Weight	28,135 Da
NCBI Official Full Name	glutamate--cysteine ligase regulatory subunit isoform 2
NCBI Official Synonym Full Names	glutamate-cysteine ligase modifier subunit
NCBI Official Symbol	GCLM
NCBI Official Synonym Symbols	GLCLR
NCBI Protein Information	glutamate--cysteine ligase regulatory subunit
UniProt Protein Name	Glutamate--cysteine ligase regulatory subunit
UniProt Gene Name	GCLM
UniProt Synonym Gene Names	GLCLR

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://www.aaabiotech.com/polyclonal/gclm-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233690>