

**Anti-GCLM Antibody**  
**Rabbit polyclonal antibody to GCLM**  
**Catalog # AP60293****Specification**

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**Anti-GCLM Antibody - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">P48507</a>
Other Accession	<a href="#">O09172</a>
Reactivity	<b>Human, Mouse, Rat, Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>30727</b>

**Anti-GCLM Antibody - Additional Information****Gene ID** 2730**Other Names**

GLCLR; Glutamate--cysteine ligase regulatory subunit; GCS light chain; Gamma-ECS regulatory subunit; Gamma-glutamylcysteine synthetase regulatory subunit; Glutamate--cysteine ligase modifier subunit

**Target/Specificity**

Recognizes endogenous levels of GCLM protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)

IHC~~1:100~500

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-GCLM Antibody - Protein Information****Name** GCLM**Synonyms** GLCLR**Tissue Location**

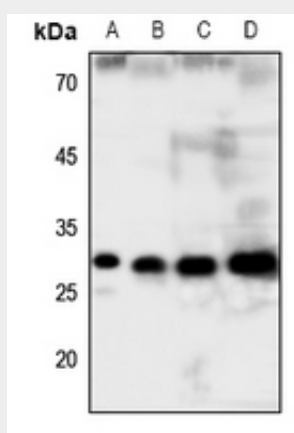
In all tissues examined. Highest levels in skeletal muscle

## Anti-GCLM Antibody - Protocols

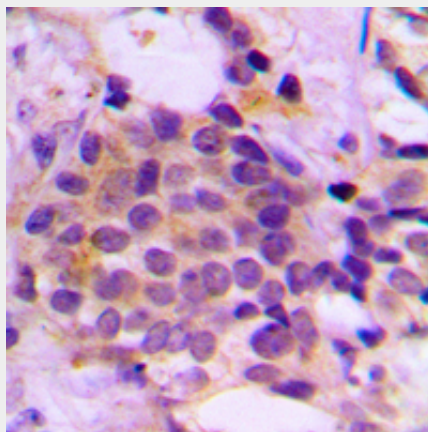
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-GCLM Antibody - Images



Western blot analysis of GCLM expression in HEK293T (A), mouse liver (B), rat liver (C), rat kidney (D) whole cell lysates.



Immunohistochemical analysis of GCLM staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

## Anti-GCLM Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GCLM. The exact sequence is proprietary.