

## HMGCL antibody

Cat. No. GTX109096

|              |                   |
|--------------|-------------------|
| Host         | Rabbit            |
| Clonality    | Polyclonal        |
| Isotype      | IgG               |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity   | Human, Mouse, Rat |

References ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:1000-1:10000       |
| ICC/IF             | 1:100-1:1000         |
| IHC-P              | 1:100-1:1000         |

Not tested in other applications.

Calculated MW 34 kDa. ( [Note](#) )

## Properties

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                                                                                                                                                     |
| Buffer        | 0.1M Tris, 0.1M Glycine, 10% Glycerol                                                                                                                                                                                      |
| Preservative  | 0.01% Thimerosal                                                                                                                                                                                                           |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| Immunogen     | Full length human HMGCL Recombinant protein.                                                                                                                                                                               |
| Purification  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

## Note

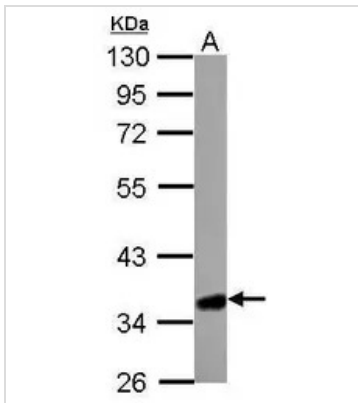
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## DATA IMAGES



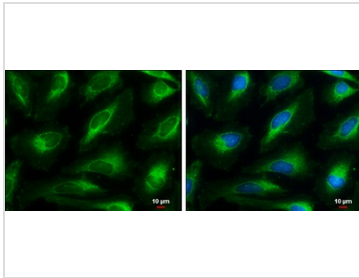
### GTx109096 WB Image

HMGCL antibody detects HMGCL protein by Western blot analysis.

A. 50 µg mouse liver lysate/extract

10 % SDS-PAGE

HMGCL antibody (GTx109096) dilution: 1:10000



### GTx109096 ICC/IF Image

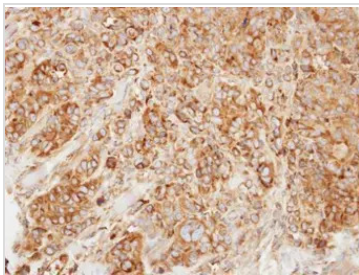
HMGCL antibody detects HMGCL protein at mitochondria by immunofluorescent analysis.

Sample: HeLa cells were fixed in ice-cold MeOH for 5 min.

Green: HMGCL protein stained by HMGCL antibody (GTx109096) diluted at 1:500.

Blue: Hoechst 33342 staining.

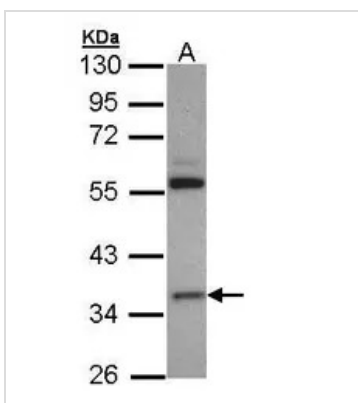
Scale bar = 10 µm.



### GTx109096 IHC-P Image

Immunohistochemical analysis of paraffin-embedded SW480 xenograft, using HMGCL(GTx109096) antibody at 1:500 dilution.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTx109096 WB Image

Sample (30 ug of whole cell lysate)

A: H1299

10% SDS PAGE

GTx109096 diluted at 1:3000



For full product information, images and publications, please visit our [website](https://www.genetex.com).