

Anti-HMGCL antibody

Cat. No.	ml222488
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-HMGCL rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human HMGCL
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HMGCL
Full name	3-hydroxymethyl-3-methylglutaryl-CoA lyase

Synonyms HL

Swissprot P35914

Target Background

The protein encoded by this gene belongs to the HMG-CoA lyase family. It is a mitochondrial enzyme that catalyzes the final step of leucine degradation and plays a key role in ketone body formation. Mutations in this gene are associated with HMG-CoA lyase deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

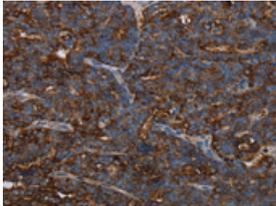
Applications

Immunohistochemistry

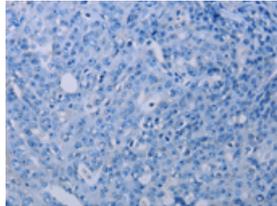
Predicted cell location: Cytoplasm

Positive control: Human ovarian cancer

Recommended dilution: 50-200



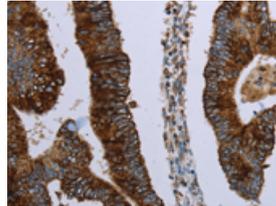
The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml222488(HMGCL Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)



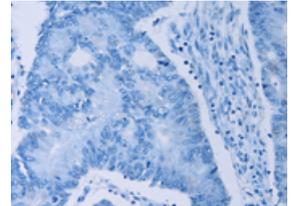
Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml222488(HMGCL Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)



Western blotting

Predicted band size: 34 kDa

Positive control: Mouse thymus and human ovarian cancer tissue, mouse heart, human fetal liver, mouse liver tissue and SKOV3 cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

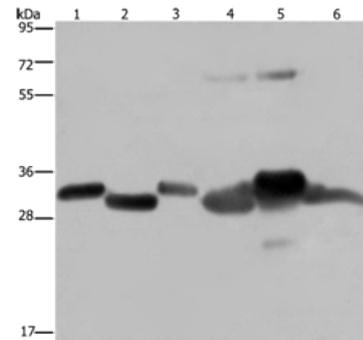
Lysate: 40 μ g

Lane 1-6: Mouse thymus tissue, human ovarian cancer tissue, mouse heart tissue,
human fetal liver tissue, mouse liver tissue, SKOV3 cells

Primary antibody: ml222488(HMGCL Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



ELISA

Recommended dilution: 2000-5000

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