

Datasheet for ABIN7241480

anti-HMGCL antibody**3** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	HMGCL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HMGCL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human HMGCL
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	HMGCL
Alternative Name:	HMGCL (HMGCL Products)
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.

Target Details

Molecular Weight:	34 kDa
UniProt:	P35914

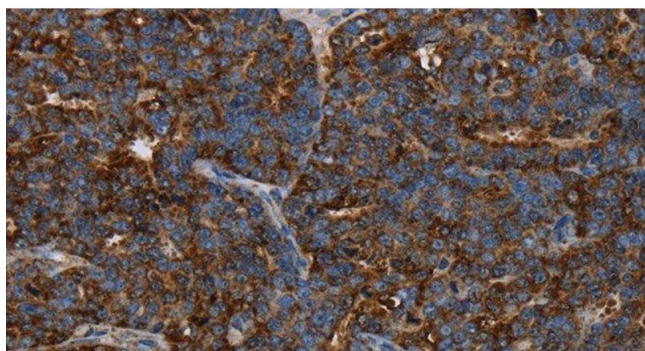
Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200
Restrictions:	For Research Use only

Handling

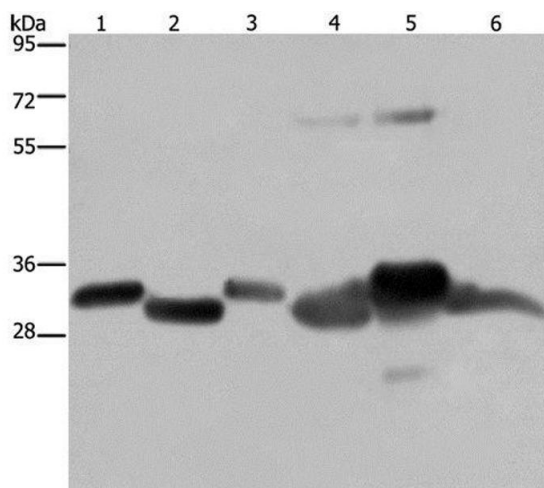
Format:	Liquid
Concentration:	0.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



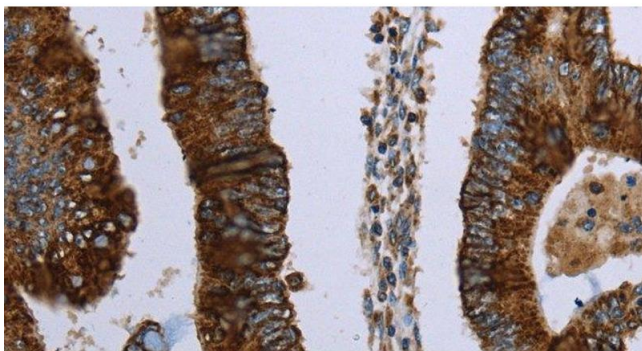
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human ovarian cancer using HMGCL Polyclonal Antibody at dilution of 1:30



Western Blotting

Image 2. Western Blot analysis of Mouse thymus and Human ovarian cancer tissue, Mouse heart, Human fetal liver, Mouse liver tissue and SKOV3 cell using HMGCL Polyclonal Antibody at dilution of 1:300



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human colon cancer using HMGCL Polyclonal Antibody at dilution of 1:30