

Anti-HMGCS2 Antibody (2I93)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2I93
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: A549 whole cell lysate, Ntera-2 whole cell lysate-All lanes: HMGCS2 antibody at 1:500-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 57, 53, 51 kDa-Observed band size: 55 kDa <p>2. IHC image of TMAH-00561 diluted at 1:100 and staining in paraffin-embedded human small intestine tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.</p> <p>3. IHC image of TMAH-00561 diluted at 1:100 and staining in paraffin-embedded human appendix tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.</p>
Application:	ELISA, WB, IHC
Recommended	WB:1:500-1:2000; IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: A synthetic peptide: Human HMGCS2
Antigen Species: Human
Gene ID: 3158
Uniprot ID: P54868
Synonyms: 3-hydroxy-3-methylglutaryl coenzyme A synthase;HMGCS 2;EC 2.3.3.10;HMG-CoA synthase;
mitochondrial;Hydroxymethylglutaryl-CoA synthase
Biology Area: Cancer, Cardiovascular, Metabolism, Signal transduction

Research Background

Catalyzes the first irreversible step in ketogenesis, condensing acetyl-CoA to acetoacetyl-CoA to form HMG-CoA, which is converted by HMG-CoA reductase (HMGCR) into mevalonate.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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