

Product datasheet for **TA346705**

HMGCs1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HMGCs1 antibody: synthetic peptide directed towards the middle region of human HMGCs1. Synthetic peptide located within the following region: KDFTLNDFGFMIFHSPYCKLVQKSLARMLLNDFLNDQNRDKNSIYSGLEA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	57 kDa
Gene Name:	3-hydroxy-3-methylglutaryl-CoA synthase 1
Database Link:	NP_002121 Entrez Gene 3157 Human Q01581
Background:	This enzyme condenses acetyl-CoA with acetoacetyl-CoA to form HMG-CoA, which is the substrate for HMG-CoA reductase.
Synonyms:	HMGCs
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 93%

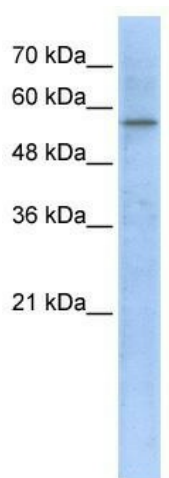


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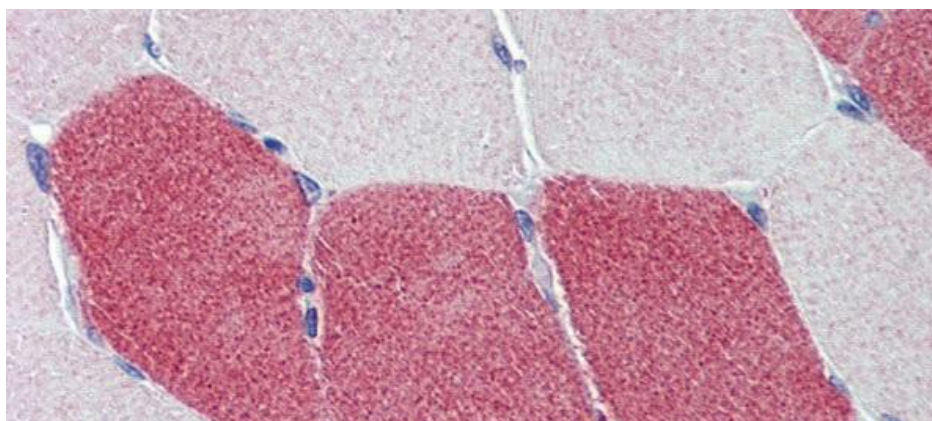
Protein Families: Druggable Genome

Protein Pathways: Butanoate metabolism, Metabolic pathways, Synthesis and degradation of ketone bodies, Terpenoid backbone biosynthesis, Valine, leucine and isoleucine degradation

Product images:



WB Suggested Anti-HMGCS1 Antibody Titration: 1 ug/ml; Positive Control: 293T cells lysate. HMGCS1 is supported by BioGPS gene expression data to be expressed in HEK293T



Immunohistochemistry with Human Skeletal Muscle lysate tissue at an antibody concentration of 5.0 ug/ml using anti-HMGCS1 antibody