

DNAxPAb

Hard-to-Find
Antibody

HMGCS1 DNAxPab

Catalog # H00003157-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human HMGCS1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MPGSLPLNAEACWPKDVGVALEIYFPSQYVDQAELEKYDGVDAKYTIGLGQAKMGFCTDREDI
NSLCMTVVQNLMEARNLSYDCIGRLEVGTETIIDKSKSVKTNLMQLFEESGNTDIEGIDTTNACYGG
TAAVFNAVNWIESSWDGRYALVVAGDIAVYATGNARPTGGVGAVALLIGNAPLIFERGLRGTHM
QHAYDFYKPDMLSEYPVDGKLSIQCYSALDRCYSVYCKIIHAQWQKEGNDKDFTLNDFGFMIFH
SPYCKLVQKSLARMLLNDFLNDQNRDKNSIYSGLEAFGDVKLEDTYFDRDVEKAFMKASSELFS
QKTKASLLVSNQNGNMYTSSVYGLASVLAQYSPQQLAGKRIGVFSYGSGLAATLYSLKVTQDAT
PGSALDKITASLCDLKSRLDSRTGVAPDVFAENMKLREDTHHLVNYPQGSIDSLFEGTWYLVVRVD
EKHRRTYARRPTPNDDTLDEGVGLVHSNIATEHIPSPAKKVPRLPATAAEPEAAVISNGEH

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HMGCS1

Entrez GeneID	3157
GeneBank Accession#	BC000297.1
Protein Accession#	AAH00297
Gene Name	HMGCS1
Gene Alias	HMGCS, MGC90332
Gene Description	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)
Omim ID	142940
Gene Ontology	Hyperlink
Other Designations	3-hydroxy-3-methylglutaryl coenzyme A (HMG-CoA) synthase hydroxymethylglutaryl-CoA synthase 1

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Butanoate metabolism](#)
- [Metabolic pathways](#)
- [Synthesis and degradation of ketone bodies](#)
- [Terpenoid backbone biosynthesis](#)
- [Valine](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)