

Product Datasheet

HMGCL Antibody - BSA Free

NBP1-58026

Unit Size: 100ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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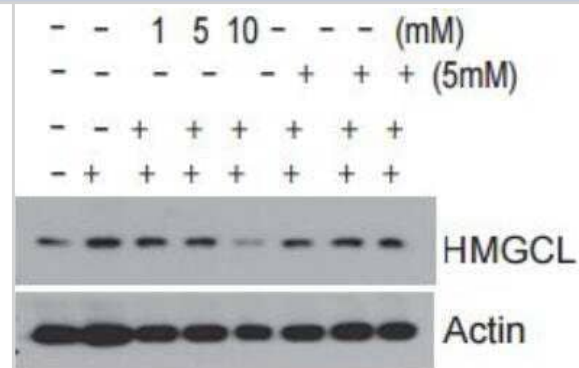
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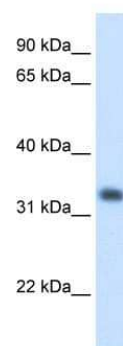
Product Information	
Unit Size	100ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	34 kDa
Product Description	
Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	3155
Gene Symbol	HMGCL
Species	Human
Immunogen	Synthetic peptides corresponding to HMGCL(3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase (hydroxymethylglutaricaciduria)) The peptide sequence was selected from the N terminal of HMGCL (NP_000182). Peptide sequence WVPQMGDHTEVLKGIQKFPGINYPVLTPNLKGFEEAAVAAGAKEVVIFGAA The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

Images

Western Blot: HMGCL Antibody [NBP1-58026] - analysis of HMGCL in LPS+ATP treated bone marrow derived macrophages using anti-HMGCL antibody. Image from verified customer review.



Western Blot: HMGCL Antibody [NBP1-58026] - Titration: 1.25ug/ml
Positive Control: Human Liver.



Publications

Tagawa R, Kawano Y, Minami A et al. b-hydroxybutyrate protects hepatocytes against endoplasmic reticulum stress in a sirtuin 1-independent manner. *Arch. Biochem. Biophys.* 2019-01-18 [PMID: 30664838] (WB, Human)

Youm YH, Nguyen KY, Grant RW et al. The ketone metabolite beta-hydroxybutyrate blocks NLRP3 inflammasome-mediated inflammatory disease *Nat. Med.* 2015-02-16 [PMID: 25686106] (WB, Human)



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Products Related to NBP1-58026

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-60212-50ug	Recombinant Human HMGCL His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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