

# Product Datasheet

## HMG-CoA Reductase/HMGCR Antibody (JF0981) NBP2-66888

Unit Size: 100 ul

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

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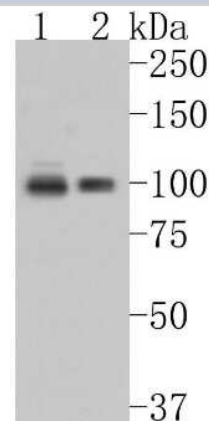
**NBP2-66888**

HMG-CoA Reductase/HMGCR Antibody (JF0981)

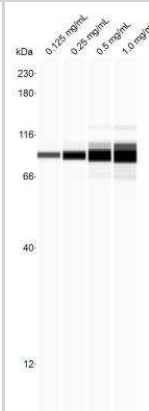
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JF0981
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	HMGCR
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human HMG-CoA Reductase/HMGCR aa 438-489 / 888. (SwissProt: P04035 Human; SwissProt: Q01237 Mouse; SwissProt: P51639 Rat)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Simple Western, Immunoprecipitation, Immunohistochemistry-Paraffin 1:100
<b>Application Notes</b>	HMG-CoA Reductase/HMGCR antibody validated for Simple Western from a verified customer review. IP: Use at an assay dependent concentration.

## Images

Western Blot: HMG-CoA Reductase/HMGCR Antibody (JF0981) [NBP2-66888] - Analysis of HMGCR on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (ET1702-41, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Hela cell lysate Lane 2: THP-1 cell lysate



Simple Western: HMG-CoA Reductase/HMGCR Antibody (JF0981) [NBP2-66888] - SVG-A whole cell lysate. Antibody at 1:25 dilution. Image submitted by a verified customer review.



## Publications

Dolcen DN The Role of Nicotinamide N-Methyltransferase in Triple-Negative Breast Cancer Gene Expression and in vivo Metastatic Potential Thesis 2022-01-01 (WB, Human)

Bharadwaj S, Devi S, Sarma P et al. Prophylactic role of Premna herbacea, a dietary leafy vegetable in managing hepatic steatosis via regulating AMPK/SREBP1/ACC/HMGCR signaling pathway Food Bioscience

Dalton GD, Oh SH, Tang L et al. Hepatocyte activity of the cholesterol sensor smoothened regulates cholesterol and bile acid homeostasis in mice iScience 2021-09-24 [PMID: 34568800] (WB, Mouse)

Kohlhaas J, Jager M. A, et al. Endothelial cells control vascular smooth muscle cell cholesterol levels by regulating 24-dehydrocholesterol reductase expression. Exp Cell Res 2021-01-07 [PMID: 33422461] (Simple Western, Human)



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### **Products Related to NBP2-66888**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-91996PEP	HMG-CoA Reductase/HMGCR Recombinant Protein Antigen

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### **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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