

Product Datasheet

HMGCs1 Antibody - BSA Free

NBP2-36554

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP2-36554

HMGCS1 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

Description	Novus Biologicals Rabbit HMGCS1 Antibody - BSA Free (NBP2-36554) is a polyclonal antibody validated for use in WB, Simple Western and IP. Anti-HMGCS1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3157
Gene Symbol	HMGCS1
Species	Human, Mouse
Immunogen	The immunogen recognized by the antibody maps to a region between residue 470 to 520 of human 3-hydroxy-3-methylglutaryl-CoA Synthase 1 using the numbering given in entry NP_001091742.1.

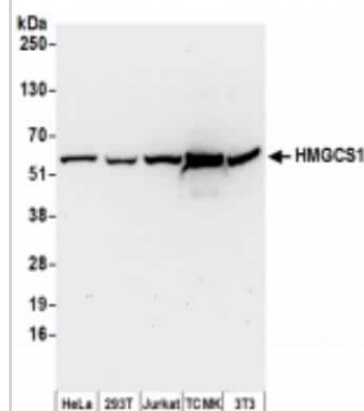
Product Application Details

Applications	Western Blot, Simple Western, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Simple Western 1:50, Immunoprecipitation 2 - 10 ug/mg
Application Notes	Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Validation by IP/Western Blot was performed using a 4-20% SDS-PAGE gel. See Simple Western Antibody Database for Simple Western validation: Tested in Arteries, separated by Size, antibody dilution of 1:50

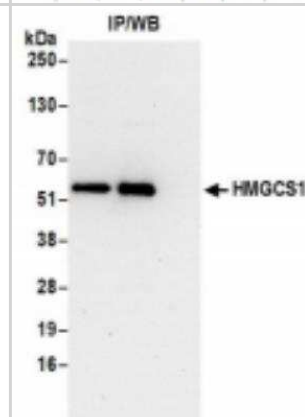


Images

Western Blot: HMGCS1 Antibody [NBP2-36554] - Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HMGCS1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunoprecipitation: HMGCS1 Antibody [NBP2-36554] - Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. For blotting immunoprecipitated HMGCS1, it was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

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 NBP2-36554

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52082-0.02mg	Recombinant Human HMGCS1 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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