

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)

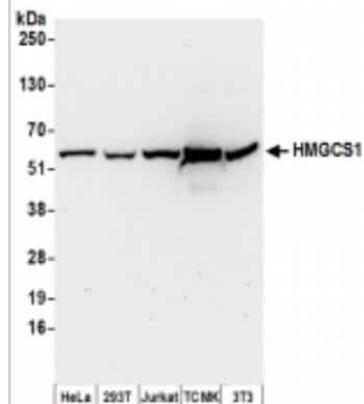
Product Description	
Description	Novus Biologicals Rabbit HMGCS1 Antibody - BSA Free (NBP2-36554) is a polyclonal antibody validated for use in WB, Simple Western and IP. Anti-HMGCS1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene 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

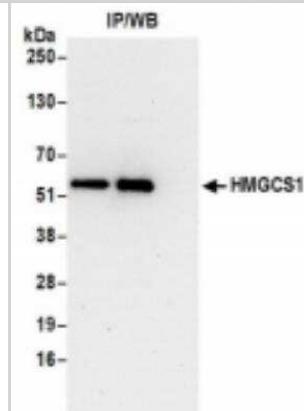


Images

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

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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