

Product Datasheet

HMG-CoA Reductase/HMGCR Antibody - BSA Free NBP1-91996

Unit Size: 0.1 ml

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

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NBP1-91996

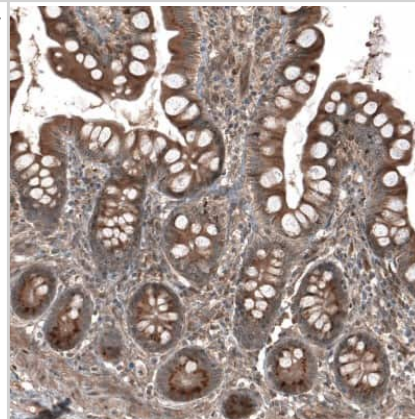
HMG-CoA Reductase/HMGCR Antibody - BSA Free

| Product Information | |
|-----------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |
| Product Description | |
| Host | Rabbit |
| Gene ID | 3156 |
| Gene Symbol | HMGCR |
| Species | Human, Mouse |
| Reactivity Notes | Mouse reactivity reported in scientific literature (PMID: 27497529). |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: MAGSIGGYNAHAANIVTAIYIACGQDAAQNVGSSNCITLMEASGPTNEDLYISCT MPSIEIGTVGGGTNLLPQQACLQMLGVQGACKDNPGENARQLARIVCGTVMA GELSLMAALAAGHLVKSHMIHNRSKINLQDLQG |
| Product Application Details | |
| Applications | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID 27497529), Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

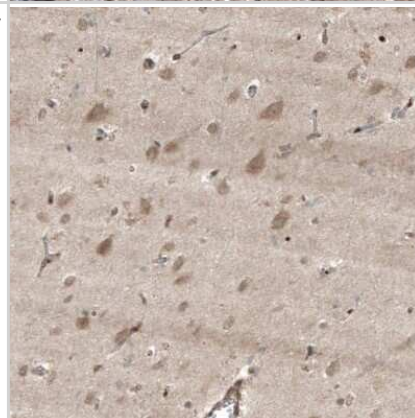


Images

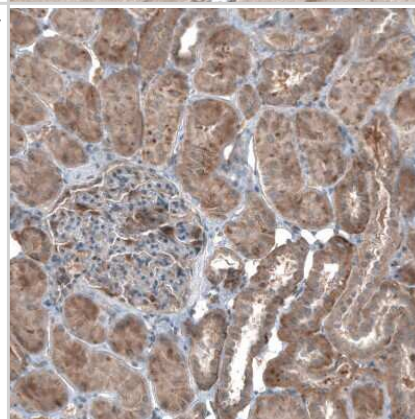
Immunohistochemistry-Paraffin: HMG-CoA Reductase/HMGCR Antibody [NBP1-91996] - Staining of human gastrointestinal shows moderate granular cytoplasmic positivity in glandular cells.



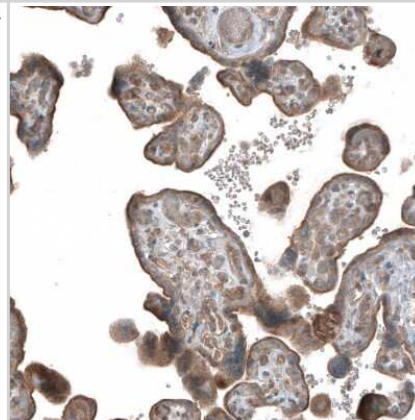
Immunohistochemistry-Paraffin: HMG-CoA Reductase/HMGCR Antibody [NBP1-91996] - Staining of human cerebral cortex shows moderate granular cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: HMG-CoA Reductase/HMGCR Antibody [NBP1-91996] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: HMG-CoA Reductase/HMGCR Antibody [NBP1-91996] - Staining of human placenta shows moderate granular cytoplasmic positivity in trophoblastic cells.



Publications

Doppler C, Messner B, Mimler T et al. Noncanonical atherosclerosis as the driving force in tricuspid aortic valve associated aneurysms - A trace collection Journal of Lipid Research 2023-03-01 [PMID: 36736622] (Immunocytochemistry/ Immunofluorescence)

Hayashi K, Nakazato Y, Morito N et al. Fluvastatin is effective against thymic carcinoma Life Sci. 2019-11-28 [PMID: 31786191] (IF/IHC, Human)

Scharinger B, Messner B, Turkcan A et al. Leoligin, the major lignan from Edelweiss, inhibits 3-hydroxy-3-methylglutaryl-CoA reductase and reduces cholesterol levels in ApoE^{-/-} mice J Mol Cell Cardiol 2016-10-01 [PMID: 27497529] (ICC/IF, Mouse)

Details:

This reference used the HRP version of NB400-104.

Gustbee E, Tryggvadottir H, Markkula A et al. Tumor-specific expression of HMG-CoA reductase in a population-based cohort of breast cancer patients. BMC Clin Pathol 2015-01-01 [PMID: 26109908] (IF/IHC, Human)

Bengtsson E, Nerjovaj P, Wangefjord S et al. HMG-CoA reductase expression in primary colorectal cancer correlates with favourable clinicopathological characteristics and an improved clinical outcome. Diagn Pathol 2014-04-07 [PMID: 24708688]

Bjarnadottir O, Romero Q, Bendahl PO et al. Targeting HMG-CoA reductase with statins in a window-of-opportunity breast cancer trial. Breast Cancer Res Treat 2013-04-01 [PMID: 23471651]





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Products Related to NBP1-91996

| | |
|---------------|---|
| NBP1-91996PEP | HMG-CoA Reductase/HMGCR Recombinant Protein Antigen |
| 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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