# NANH Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | NANH, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Vibrio cholerae serotype O1 (strain 39541/Classical Ogawa 395/O395) NANH Polyclonal Antibody |
| **Product Gene Name** | anti-NANH antibody |
| **Product Synonym Names** | NANH Antibody; Sialidase; EC 3.2.1.18; Neuraminidase; NANase; nanH VC0395_A1381 VC395_1898 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Vibrio cholerae serotype O1 (strain 39541/Classical Ogawa 395/O395) |
| **Form/Format** | Liquid<br>Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH7.4 |
| **Purity/Purification** | Antigen-affinity |
| **Preparation and Storage** | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze. |
| **Molecular Weight** | 85,609 Da |
| **3D Structure** | ModBase 3D Structure for A5F7A4 |
| **Immunogen** | Recombinant Vibrio cholerae serotype O1 (strain 39541 / Classical Ogawa 395 / O395) nanH protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-NANH antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-NANH antibody** | MBS7168067 is an antibody targeting NANH. Also known as Rabbit anti-Vibrio cholerae serotype O1 (strain 39541/Classical Ogawa 395/O395) NANH Polyclonal Antibody. Reactive in Vibrio cholerae serotype O1 (strain 39541/Classical Ogawa 395/O395). Host: Rabbit. |
| **Other Notes** | Small volumes of anti-NANH antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NANH. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 172047751 |
| **NCBI Accession #** | A5F7A4.2 |
| **UniProt Primary Accession #** | A5F7A4 |
| **UniProt Secondary Accession #** | P37060; Q9KR59; C3M1H8 |
| **NCBI Official Full Name** | Sialidase |

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| **UniProt Protein Name** | Sialidase |
| **UniProt Synonym Protein Names** | Neuraminidase; NANase |
| **UniProt Gene Name** | nanH |
| **UniProt Synonym Gene Names** | NANase |
| **UniProt Comments for NANH** | Cleaves the terminal sialic acid (N-acetyl neuraminic acid) from carbohydrate chains in glycoproteins providing free sialic acid which can be used as carbon and energy sources. Sialidases have been suggested to be pathogenic factors in microbial infections. Facilitates cholera toxin binding to host intestinal epithelial cells by converting cell surface polysialogangliosides to GM1 monogangliosides. |
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