

ARG65357 anti-Neisseria meningitidis antigen Orf 1 / FrpD antibody

Package: 50 µg
Store at: -20°C

Summary

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| Product Description | Rabbit Polyclonal antibody recognizes Neisseria meningitidis antigen Orf 1 / FrpD |
| Tested Reactivity | Bacteria |
| Tested Application | WB |
| Specificity | The polyclonal antibody reacts with Orf1 (FrpD), a 28 32 kDa Neisseria meningitidis outer membrane lipoprotein. Orf1 is highly conserved in a set of meningococcal strains representative of all serogroups and does not exhibit any similarity to known sequences of other organisms. |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | Neisseria meningitidis antigen Orf 1 / FrpD |
| Immunogen | Slices containing purified FrpD250-6xHis-tagged protein were excised from 10% SDS-PAGE gels, grinded, mixed with 1 mg/ml of aluminum hydroxide in PBS, and used to immunize a rabbit. |
| Conjugation | Un-conjugated |

Application Instructions

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| Application table | Application | Dilution |
| | WB | 0.5 - 1 µg/ml |
| Application Note | WB: Under reducing condition. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

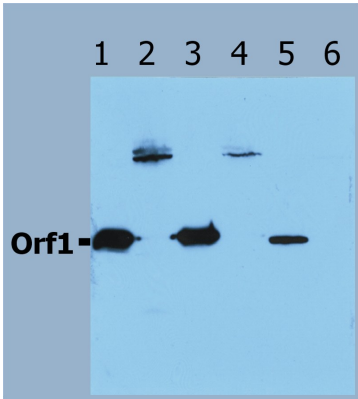
Properties

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| Form | Liquid |
| Purification | Purified from rabbit serum by protein-A affinity chromatography. |
| Purity | > 95% (by SDS-PAGE) |
| Buffer | PBS (pH 7.4) and 15 mM Sodium azide |
| Preservative | 15 mM Sodium azide |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Database links | GeneID: 12409231 Bacteria |
| Background | Orf1 (FrpD) is a Neisseria meningitidis outer membrane lipoprotein. Subcellular localization and [3H]palmitic acid labeling in Escherichia coli revealed that FrpD is synthesized with a type II signal peptide for export across the cytoplasmic membrane and is, upon processing to a lipoprotein, sorted to the outer bacterial membrane. |
| Research Area | Microbiology and Infectious Disease antibody |

Images



ARG65357 anti-Neisseria meningitidis antigen Orf 1 / FrpD antibody
WB image

Western blot: Recombinant Orf1 proteins stained with ARG65357 anti-Neisseria meningitidis antigen Orf 1 / FrpD antibody.

Lane 1, 3, 5: cell lysate of Orf1-transfected E. coli; dilution (1) 0.5 µg/ml, (3) 0.2 µg/ml, (5) 0.1 µg/ml; Lane 2, 4, 6: cell lysates of non-transfected E. coli (negative controls).