

ARG65357
anti-Neisseria meningitidis antigen Orf 1 / FrpD antibodyPackage: 50 µg
Store at: -20°C

Summary

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

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

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

Database links

[GeneID: 12409231 Bacteria](#)

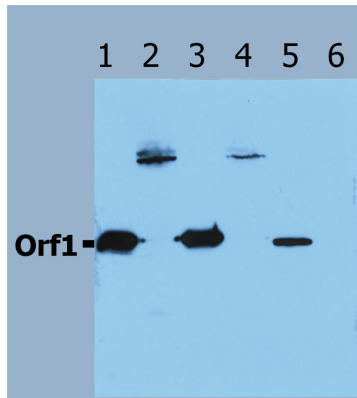
Background

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).