

Product datasheet for AP03009PU-N

OriGene Technologies, Inc.

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Orf1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: Suitable for Western Blotting under Reducing conditions (0.2-1 μg/ml).

Reactivity: Neisseria meningitidis

Host: Rabbit

Clonality: Polyclonal

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.

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.

Formulation: PBS, pH 7.4 with 15 mM sodium azide as preservative.

State: Aff - Purified

State: Liquid purified IgG fraction (> 95% pure by SDS-PAGE).

Concentration: lot specific

Purification: Protein-A affinity chromatography.

Conjugation: Unconjugated

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Background: Orf1 (FrpD) is a Neisseria meningitidis outer membrane lipoprotein. Subcellular localization

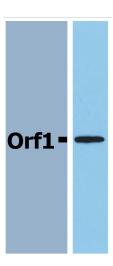
and [3H]palmitic acid labeling in Escherichia coli revealed that FrpD is synthesized with a type II signal peptide for export across the cytoplasmic membrane and is, upon processing to a

lipoprotein, sorted to the outer bacterial membrane.





Product images:



Western Blotting analysis (reducing conditions) of recombinant protein Orf1 in cell lysate of Orf1-transfected E. coli using polyclonal anti-Orf1 antibody.