

Cas9 | CRISPR-associated endonuclease 9 (polyclonal) - Biotin conjugated 40 µg

Cat PA00019

Size 40 µg

Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Staphylococcus aureus

Immunogen

KLH-conjugated synthetic peptide derived from Streptococcus thermophilus Cas9/Csn1 protein sequence, UniProt: Q03JI6 (peptide sequence is conserved in pYLCRISPR/Cas9Pubi-H vector)

Host

Rabbit

Clonality

Polyclonal

Purity

Immunogen affinity purified serum in PBS pH 7.4, conjugated to biotin.

Format

Liquid

Storage

Store at 4°C for 12-18 months. A preservative may be added for long time storage up to 2 years.

Recommended dilution

1 : 100 (IL), 1 : 1000 (WB)

Expected | apparent MW

Depends upon a MW of a protein which is a fusion partner,

Confirmed reactivity

Staphylococcus aureus

Predicted reactivity

Staphylococcus pyogenes UniProt: Q99ZW2

Description

Cas9 (CRISPR-Associated endonuclease 9) is an RNA-directed DNA endonuclease associated with the clustered regularly interspersed short palindromic repeat (CRISPR) type II adaptive immune system. CRISPR clusters are transcribed and processed into CRISPR RNA (crRNA). Cas9 protein is used as a genomic engineering tool to induce site-directed double-strand breaks in DNA. The antibody is directly coupled to biotin.

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