

Product Datasheet

Cas9 - CRISPR-associated endonuclease 9 (polyclonal) GRP13162

Species/Host	Rabbit
Tested Applications	WB, IL
Immunogen	KLH-conjugated synthetic peptide derived from Streptococcus thermophilus Cas9/Csn1 protein sequence, UniProt: Q03JI6
Form/Appearance	Lyophilized
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Affinity purified serum in PBS, pH 7.4
MW	Depends upon a MW of a protein which is a fusion partner.
Uniprot ID	Q03JI6
Dilution Range	1 : 100 (IL), 1 : 1000 (WB)
Application Notes	Background: Cas9 (CRISPR-associated endonuclease 9) is an RNA-guided DNA endonuclease associated with the Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) type II adaptive immunity system. CRISPR clusters are transcribed and processed into CRISPR RNA (crRNA). Cas9 protein serves as a genome engineering tool to induce site-directed double strand breaks in DNA. Reconstitution: For reconstitution add 50 µl of sterile water.

