

Anti-CRISPR-associated endonuclease Cpf1 antibody

Catalog: PHY0362S

Product Information

Description:	Rabbit polyclonal antibody
Background:	CRISPR (clustered regularly interspaced short palindromic repeat), is an adaptive immune system that provides protection against mobile genetic elements (viruses, transposable elements and conjugative plasmids). CRISPR clusters contain sequences complementary to antecedent mobile elements and target invading nucleic acids. CRISPR clusters are transcribed and processed into CRISPR RNA (crRNA). This protein is a single-RNA guided endonuclease that is also capable of guiding crRNA processing; correct processing of pre-crRNA requires only this protein and the CRISPR locus (PubMed: 26422227).
Synonyms:	Cpf1, FnCpf1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Francisella tularensis subsp. novicida</i> (strain U112) Cpf1 (A0Q7Q2).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability &Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the
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Research Use Only

end user.

Expected / apparent MW:

152 kDa

Confirmed Reactivity:

Species Independent

Predicted Reactivity:

For more species homologues information, please contact tech support at tech@phytoab.com.