

Product Name: CHIKV Spike glycoprotein E1 Rabbit Polyclonal Antibody
Catalog #: APRab60085



Summary

Production Name	CHIKV Spike glycoprotein E1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Chikungunya virus (strain S27-African prototype) (CHIKV), Chikungunya virus (strain Nagpur) (CHIKV), Chikungunya virus (strain 37997) (CHIKV)

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	0.01M PBS, pH 7.4.
Purification	Affinity Purified

Immunogen

Gene Name	E1
Alternative Names	CHIKV-E1
SwissProt ID	Q8JUX5, Q5WQY5, Q5XXP3, O90371, P22056, O90369.

Application

Dilution Ratio	WB 1:500-1:1000 IHC 1:50-1:100 ELISA 1:1000-2000
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Background

Chikungunya virus (CHIKV) is an arthropod-borne alphavirus that causes Chikungunya fever, a re-emerging disease

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characterized by high fever, rash, and arthralgia. The E2 envelope glycoprotein is a structural protein that forms heterodimers with the E2 glycoprotein and is displayed on the viral surface as part of trimeric spike complexes. E2 is primarily responsible for receptor binding and host cell attachment, playing a key role in viral entry.

Note

For research use only.