



Rabbit Anti-WNV Matrix Protein (C-terminus) Polyclonal antibody (DPAB0258)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	West Nile Virus Matrix Protein, C-terminal
Target	WNV Matrix Protein
Immunogen	Synthetic peptide corresponding to 15 amino acids near the C-terminal of the West Nile Virus Matrix protein (Genbank accession no. NP_776013).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	WNV
Purification	Immunoaffinity chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA (detects 10ng of free peptide at 1ug/ml). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Affinity Purified, Liquid
Concentration	1mg/ml
Size	100 µg
Buffer	PBS
Preservative	0.02% Sodium Azide

Storage

Store (up to one year) at 2-8°C.

BACKGROUND

Introduction

West Nile Virus (WNV) is a member of the Flaviviridae, a plus-stranded virus family that includes St. Louis encephalitis virus, yellow fever virus, and Dengue virus. WNV was initially isolated in 1937 in the West Nile region of Uganda and has become prevalent in Africa, Asia, and Europe. It has rapidly spread across the United States with cases being observed in every continental state.

Keywords

Envelope protein M; West Nile Virus Matrix Protein (C-terminal); West Nile Virus; Viral matrix proteins; Group IV ((+)ssRNA); Flaviviridae; Flavivirus
