



Rabbit Anti-Powassan virus prM protein polyclonal antibody (CABT-ZS5006)

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

PRODUCT INFORMATION

Target	POWV prM
Immunogen	Full length Powassan virus prM recombinant protein. (Powassan virus (strain DTV-SPO))
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Powassan virus
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Format	Purified, Liquid
Concentration	Lot specific
Size	100 µL
Buffer	PBS, with 20% Glycerol
Preservative	None
Storage	Short term: store at 4°C. Long term: aliquot and store at -20°C. Avoid freeze-thaw cycles. Store undiluted.
Ship	Wet ice

BACKGROUND

Introduction Powassan virus (POW) is an arbovirus within the family of Flaviviruses primarily found in the Northeastern United States, Canada, and Russia. It is a zoonotic infection transmitted to humans by several tick species and is the only member of the tick-borne flaviviruses endemic to North America. It was first recognized as a human pathogen in 1958 in Powassan, Ontario. Researchers recovered the virus on autopsy from the brain tissue of a child who died from encephalitis. Premembrane (prM) is a viral protein of flavivirus, which is important for the generation of infectious virion and for virus infection to the host.

Keywords Powassan virus Premembrane; Powassan virus PrM

GENE INFORMATION

Synonyms Powassan virus Premembrane; Powassan virus PrM