



Anti-PPV polyclonal antibody (CABT-B997)

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

PRODUCT INFORMATION

Target	Plum Pox Virus
Immunogen	A mixture of three synthetic peptides corresponding to aa 86-96 (STGTFTVPRLK), aa 146-158 (KRDYDVTDDMSI), and aa 242-255 (SLARYAFDFYEMTS) of the PPV coat protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Plum Pox Virus
Purification	Protein G purified
Conjugate	Unconjugated
Applications	ELISA(Cap), WB
Format	Liquid, some of the liquid in the vial could have evaporated with changes in the final volume. However, the mass of the protein is still inside the vial.
Concentration	1mg/ml
Size	1 mg
Buffer	PBS
Preservative	See individual product datasheet
Storage	Store at -20 °C. Stable at least one year at -20 °C. Avoid repeated freezing and thawing.

BACKGROUND

Introduction

PPV belongs to the genus Potyvirus of the family Potyviridae and is the causal agent of sharka disease of stone fruits crops. PPV genome consists of a single-stranded, positive-sense RNA encapsidated by a single glycosylated coat protein (34 kDa). This protein is also involved in systemic movement of the virus. PPV has flexuous filamentous morphology and is transmitted by an insect and grafting.

Keywords

PPV;Plum Pox Virus;Group IV ((+)ssRNA);Potyviridae;Potyvirus;sharka;Plum pox

GENE INFORMATION

Synonyms

PPV;Plum Pox Virus;Group IV ((+)ssRNA);Potyviridae;Potyvirus;sharka;Plum pox