



## Anti-PPV polyclonal antibody (CABT-B997)

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

### PRODUCT INFORMATION

|                           |  |
|---------------------------|--|
| <b>Target</b>             | Plum Pox Virus   |
| <b>Immunogen</b>          | A mixture of three synthetic peptides corresponding to aa 86-96 (STGTFTVPRLK), aa 146-158 (KRDYDVTDDEMSI), and aa 242-255 (SLARYAFDFYEMTS) of the PPV coat protein |
| <b>Isotype</b>            | IgG  |
| <b>Source/Host</b>        | Rabbit   |
| <b>Species Reactivity</b> | Plum Pox Virus   |
| <b>Purification</b>       | Protein G purified   |
| <b>Conjugate</b>          | Unconjugated   |
| <b>Applications</b>       | ELISA(Cap), WB   |
| <b>Format</b>             | 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.          |
| <b>Concentration</b>      | 1mg/ml   |
| <b>Size</b>               | 1 mg   |
| <b>Buffer</b>             | PBS  |
| <b>Preservative</b>       | See individual product datasheet   |
| <b>Storage</b>            | 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