



# Anti-PPV polyclonal antibody (CABT-BL6161)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Antiserum is developed in rabbit using purified virus as immunogen.
<b>Source/Host</b>	Rabbit
<b>Purification</b>	caprylic acid purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	0.2 ml/1 ml
<b>Buffer</b>	In 0.1 M phosphate buffered saline, pH 7.4.
<b>Storage</b>	The antibody should be stored at 2-8°C. For storage longer than one year, the solution may be frozen at -20°C. Repeated freezing and thawing is not recommended. The solution may be frozen in aliquots if necessary. The antibody has a shelf-life of 2 years after date of purchase.

## BACKGROUND

**Introduction** PPV is an RNA virus with flexuous filamentous particles approximately 750 x 15 nm. It has a wide geographical distribution (Europe, North Africa, Asia, Americas) and a natural host range restricted to Prunus spp. It is transmitted by several aphid species in a non-persistent manner, is graft-transmissible to susceptible Prunus spp. and sap-transmissible to a wide range of herbaceous species, but is not seed-borne. PPV causes economic losses in cultivated stone fruit species (plum, apricot, peach).

**Keywords** Plum pox virus ('sharka'); PPV; Prunus virus 7; Annulus pruni; Sharka virus; Prunus broad streak and ringspot variegation virus