



Anti-PPV polyclonal antibody [AP] (CABT-BL6257)

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

PRODUCT INFORMATION

Immunogen	Antiserum is developed in rabbit using purified virus as immunogen.
Source/Host	Rabbit
Purification	caprylic acid purified
Conjugate	AP
Applications	ELISA
Format	Liquid
Size	0.2 ml/1 ml
Buffer	In 0.05 M TRIS buffer, pH 8.0.
Storage	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