



# Anti-LMV polyclonal antibody [AP] (CABT-BL6246)

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>	AP
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	0.2 ml/1 ml
<b>Buffer</b>	In 0.05 M TRIS buffer, pH 8.0.
<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

<b>Introduction</b>	LMV is a virus with flexuous filamentous particles approximately 750 x 13 nm. It is sap-transmissible to a wide range of species, often seed-borne in lettuce and transmitted by several aphid species in the non-persistent manner. It has a world-wide distribution and a relatively broad host range among dicotyledoneous plants, including many Asteraceae. LMV can cause economic losses in cultivated Asteraceae, especially lettuce ( <i>Lactuca sativa</i> ) and ornamentals.
<b>Keywords</b>	Lettuce mosaic virus; LMV; <i>Lactuca virus 1</i> ; <i>Marmor lactucae</i>