



Rabbit anti-TMV polyclonal antibody (CABT-B1023P)

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

PRODUCT INFORMATION

Product Overview	Polyclonal antibody (serum) obtained by immunizing rabbits with a mixture of two synthetic peptides corresponding to aa65-78 (DSDFKVYRYNAVLD) and aa141-151 (NRSSFESSSGL) of the TMV coat protein.
Immunogen	A mixture of two synthetic peptides corresponding to aa 65-78 (DSDFKVYRYNAVLD) and aa 141-151 (NRSSFESSSGL) of the TMV coat protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	TMV
Purification	Affinity purified
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS
Preservative	See individual product datasheet
Storage	Long time storage is recommended at -20°C.

BACKGROUND

Introduction

TMV belongs to the genus Tobamovirus of the family Tobamoviridae and its genome consists of a single-stranded positive-sense RNA. The coat protein (17.5 kDa) participates in the structure and assembly of rod-shaped virions. This protein is also essential for virus replication, cell-to-cell movement and rapid long-distance movement of TMV in plants. TMV is transmitted by grafting and seeds.

Keywords

Tobacco mosaic virus;TMV;Korean common strain;Common strain, wild type, vulgare U1;OM, Japanese common strain
