



Rabbit Anti-CDV F Polyclonal antibody (CABT-CS007)

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

PRODUCT INFORMATION

Specificity	CDV
Target	CDV Fusion glycoprotein
Immunogen	Recombinant Canine distemper virus Fusion glycoprotein F0 protein (136-608AA)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	CDV
Purification	>95%, Protein G purified
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Concentration	It differs from different batches. Please contact us to confirm it.
Size	50 µg, 100 µg
Buffer	50% Glycerol, 0.01M PBS, PH 7.4
Preservative	0.03% Proclin 300
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

BACKGROUND

Introduction

Canine distemper virus (CDV) is a Morbillivirus closely related to measles virus and depending on the viral strain may cause encephalomyelitis in dogs.

The CDV envelope contains the attachment (H) and the fusion (F) glycoproteins. The H protein binds to the CDV receptor of the host cell membrane, and the F protein mediates the membrane fusion event, which allows the entry of the viral genome into the cytoplasm. The OP-CDV cytolytic strain was demonstrated to spread through cell cultures both by producing infectious extracellular particles and by lateral cell-to-cell fusion.

Keywords

Fusion glycoprotein F0; CDV F; CDV F2; CDV F1; CDV