



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

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

## PRODUCT INFORMATION

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