



Rabbit Anti-PRV Polyclonal Antibody (CABT-YN1017)

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

PRODUCT INFORMATION

Specificity	PRV
Target	PRV
Immunogen	Purified pseudorabies virus-Bartha
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	PRV
Purification	Protein A
Conjugate	unconjugated
Applications	WB, IHC, IHC-Fr
Format	Liquid
Size	100 µg
Buffer	PBS
Preservative	0.05% Sodium Azide
Storage	Store at -20°C. Avoid freeze-thaw cycles.

BACKGROUND

Introduction

The alphaherpesvirus pseudorabies virus (PrV) is the causative agent of Aujeszky's disease, an infection of major economic impact in animal husbandry. PrV's natural hosts are porcines but it is able to infect nearly all mammals, excluding humans and other higher primates. In addition to being an important pathogen in livestock, PrV is being used increasingly as a model for elucidating the basic mechanisms of herpesvirus infection in cell culture and in the animal. For infectious entry the porcine Pseudorabies virus utilize four different essential envelope glycoproteins (g): the bona fide fusion protein gB and the regulatory heterodimeric gH/gL complex that constitute the "core fusion machinery" conserved in all members of the Herpesviridae; and the subfamily specific receptor binding protein gD. These four components mediate attachment and fusion of the virion envelope with the host cell plasma membrane through a tightly regulated sequential activation process.

Keywords

Pseudorabies Virus; PRV
