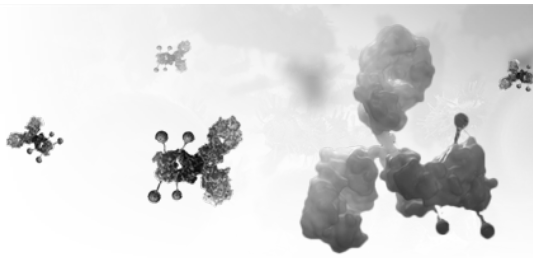

Rabbit Anti-PCV2 Capsid Polyclonal Antibody (CABT-YN1035)

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

PRODUCT INFORMATION

Specificity	PCV2
Target	PCV2 Capsid
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of Porcine circovirus type 2 / PCV2 replicase (PCV2 virus (strain AUT1)). The exact sequence is proprietary.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	PCV2
Purification	Antigen Affinity Purification
Conjugate	unconjugated
Applications	WB, ICC, IF, IHC
Format	Liquid
Size	100 µl
Buffer	20% Glycerol, PBS, pH7.0
Preservative	0.025% Proclin300
Storage	Store at 0-4°C for not more than 2 weeks, or -20°C or -80°C for long term storage. Avoid repeated freeze-thaw cycles.

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BACKGROUND

Introduction	Porcine circovirus type 2 (PCV2) is the primary causative agent of porcine circovirus-associated disease (PCVAD). The virus preferentially targets the lymphoid tissues, which leads to lymphoid depletion and immunosuppression in pigs. Caspid protein of PCV2 can self-assemble to form the virion icosahedral capsid with a T=1 symmetry. This very small capsid (17-22 nm in diameter) allows the virus to be very stable in the environment and resistant to some disinfectants, including detergents. Essential for the initial attachment to heparan sulfate moieties and chondroitin sulfate B of the host cell surface proteoglycans. After attachment, the virus is endocytosed and traffics to the nucleus. The capsid protein binds and transports the viral genome and Rep across the nuclear envelope.
Keywords	Porcine circovirus type 2; Porcine circovirus type 2 Capsid; PCV2; PCV2 Caspid; Porcine circovirus type 2 Caspid protein; Capsid protein; PCV2 Caspid protein

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