

## Anti-PCV2 capsid protein Polyclonal Antibody

### Summary:

Cat. Number: AC58309

【Product name】 : Anti-PCV2 capsid protein Polyclonal Antibody

【Source】 : Rabbit

【Isotype】 : IgG

【Purification】 : Affinity purification

【Calculated】 : 28kDa

【Species reactivity】 : PCV2

【Tested applications】 : ELISA

【Recommended dilution】 : ELISA 1:5000-10000.

【Subcellular location】 : Nucleus

【Immunogen】 : KLH conjugated synthetic peptide derived from PCV2 capsid protein

【Storage】 : Store at -20° C. Avoid freeze / thaw cycles.

### Background:

Self-assembles 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 internalized in a clathrin-, caveolae- and dynamin-independent, actin and Rho-GTPase-mediated pathway and traffics to the nucleus. The capsid protein binds and transports the viral genome and Rep across the nuclear envelope.

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