Datasheet for ABIN2178640

# anti-PRRSV antibody (HRP)

Go to Product page

## Overview

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| Quantity: | 100 µL |
| Target: | PRRSV |
| Reactivity: | Porcine Reproductive and Respiratory Syndrome Virus (PRRSV) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PRRSV antibody is conjugated to HRP |
| Application: | Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

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| Immunogen: | Derived from an inactive PRRSV vaccine strain NVDC-JXA1 |
| Isotype: | IgG |
| Cross-Reactivity: | Virus |
| Cross-Reactivity (Details): | PRRSV |
| Purification: | Purified by Protein A. |

## Target Details

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|---|---|
| Target: | PRRSV |
| Abstract: | PRRSV Products |
| Target Type: | Virus |

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## Target Details

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| Background: | Synonyms: Porcine reproductive and respiratory syndrome, PRRS.<br>Background: PRRSV belongs to the family Arteriviridae in the genus Arterivirus, order Nidovirales. This group also includes lactate dehydrogenase-elevating virus (LDV) of mice, equine arteritis virus (EAV) and simian hemorrhagic fever virus (SHFV). PRRSV is a small, enveloped virus of 45-70 nm in diameter. Its genome consists of a polyadenylated, single-stranded, non-segmented, positivesense RNA polycystronic molecule of 15.1-15.5 kb. It contains, in the 5 to 3 direction, a 5 leader sequence, at least 10 open reading frames (ORF1a, ORF1b and ORFs 2a, 2b, 3, 4, 5, 5a, 6 and 7) and a 3 non-translated region. ORF1a and ORF1b are located directly downstream of the 5 leader and encode a large replicase polyprotein, which is thought to be autoproteolytically cleaved into at least 13 smaller non-structural proteins including a viral RNA-dependent RNA polymerase. |

## Application Details

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| Application Notes: | IHC-P 1:100-500 |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | Gentamicin sulfate |
| Precaution of Use: | This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |

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