

bs-23941R**[Primary Antibody]****PRRSV-N protein Rabbit pAb****BioSS**
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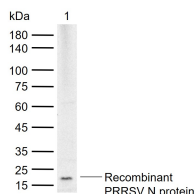
400-901-9800

DATASHEET**Host:** Rabbit**Isotype:** IgG**Applications:** **WB** (1:500-2000)**ELISA** (1:5000-10000)**Clonality:** Polyclonal**Reactivity:** PRRSV**Target:** PRRSV-N protein**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Predicted MW.: 13 kDa**Observed MW.:** 17 kDa

Background: PRRSV is a small, enveloped RNA virus. It contains a single-stranded, positive-sense, RNA genome with a size of approximately 15 kilobases. The genome contains nine open reading frames. PRRSV is a member of the genus Arterivirus, family Arteriviridae, order Nidovirales. Subclinical infections are common, with clinical signs occurring sporadically in a herd. Clinical signs include reproductive failure in sows such as abortions and giving birth to stillborn or mummified fetuses, and cyanosis of the ear and vulva. In neonatal pigs, the disease causes respiratory distress, with increased susceptibility to respiratory infections such as Glasser's disease.

Subcellular Location: Nucleus**VALIDATION IMAGES**

Sample: Lane 1: Recombinant PRRSV N protein,
N-His(bs-41387P) Primary: Anti-PRRSV N
(bs-23941R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 13.8 kDa Observed
band size: 17 kDa

SELECTED CITATIONS

- **[IF=5.9]** Yuan Xu. et al. Zinc Oxide–Selenium Nanoparticles for Inhibiting the Proliferation of Porcine Reproductive and Respiratory Syndrome Virus. ACS APPL NANO MATER. 2024;XXXX(XXX):XXX-XXX IF ;Monkey. 10.1021/acsanm.3c05307
- **[IF=5.818]** Yanmei Wu. et al. IFIT3 and IFIT5 Play Potential Roles in Innate Immune Response of Porcine Pulmonary Microvascular Endothelial Cells to Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus. VIRUSES-BASEL. 2022 Sep;14(9):1919 WB ;Pig. 10.3390/v14091919
- **[IF=4]** Wenqiao Yang. et al. Poly (allylamine hydrochloride)-selenium Nanoparticles Inhibit Porcine Reproductive and Respiratory Syndrome Virus by Targeting DDX5 and Reactive Oxygen Species. ANTIVIR RES. 2025 Dec;:106324 WB,IF ;Monkey. 41354131
- **[IF=3.7]** Kexin Chang. et al. Fuzhengjiedu San inhibits porcine reproductive and respiratory syndrome virus by activating the PI3K/AKT pathway. PLOS ONE. 2024 May;19(5):e0283728 WB ;Monkey. 38709810
- **[IF=3.7]** Jing Wu. et al. Baicalein inhibits PRRSV through direct binding, targeting EGFR, and enhancing immune

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

