

## Anti-PRRSV N Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	PRRSV
Molecular Weight:	Theoretical: 13.8 kDa. Actual: 17 kDa.
Purification:	Protein A purified

### Applications

1. Measured by its binding ability in a indirect ELISA. Immobilized Pig PRRSV protein, His Tag at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Pig PRRSV Antibody, the EC50 is 400.8 ng/mL.
2. Sample:

Verified Activity:	Lane 1: Recombinant PRRSV N protein, N-His Primary: Anti-PRRSV N (TMAB-11829) 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
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Application: WB,ELISA

Recommended WB: 1:500-2000; ELISA: 1:5000-10000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein: PRRSV N protein

### Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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