

**PAA705Po01**

**Polyclonal Antibody to Mucin 2 (MUC2)**

**Organism Species: *Sus scrofa*; *Porcine* (Pig)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

### **[ PROPERTIES ]**

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/ml

**UOM:** 100µl

**Cross Reactivity:** Mouse

**Applications:** WB,IHC

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant MUC2 (Val36~Cys351) expressed in *E.coli*

**Accession No.:** RPA705Po01

### **[ APPLICATIONS ]**

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 3-20µg/mL;

Optimal working dilutions must be determined by end user.

### **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

### **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

**[ IDENTIFICATION ]**

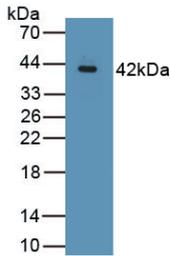
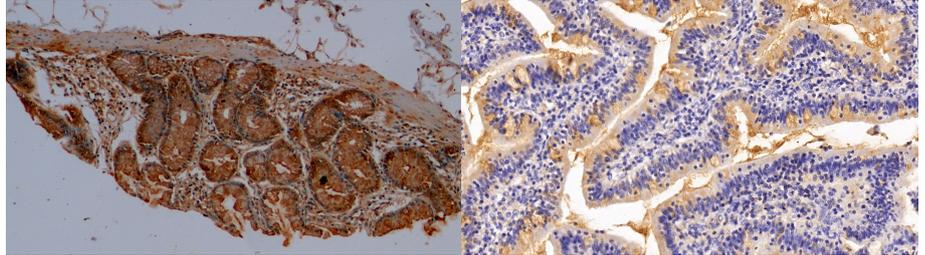
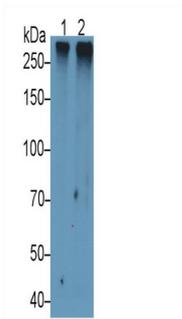


Figure. Western Blot; Sample: Recombinant MUC2, Porcine.

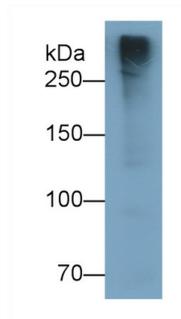


DAB staining on IHC-P; Samples: Porcine Colon Tissue; Primary Ab: 10µg/ml Rabbit Anti-Porcine MUC2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

DAB staining on IHC-P; Sample: Porcine Small intestine Tissue; Primary Ab: 3µg/ml Rabbit Anti-Porcine MUC2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Porcine Colon lysate; Lane2: Porcine Small intestine lysate; Primary Ab: 1µg/ml Rabbit Anti-Porcine MUC2 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



Western Blot; Sample: Mouse Colon lysate Primary Ab: 1µg/ml Rabbit Anti-Porcine MUC2 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.