

PAA748Mu01

Polyclonal Antibody to Trefoil Factor 2 (TFF2)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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: 50µl

Cross Reactivity: Rat

Applications: WB; IHC; ICC; IP.

[**IMMUNOGEN**]

Immunogen: Recombinant TFF2 (Lys25~Cys127) expressed in *E.coli*

Accession No.: RPA748Mu01

[**APPLICATIONS**]

Western blotting: 0.01-2µg/mL

Immunohistochemistry: 5-20µg/mL

Immunocytochemistry: 5-20µg/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.

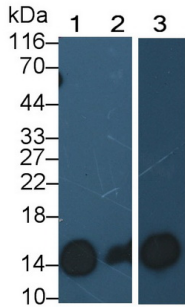
Store at 4°C for frequent use.

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

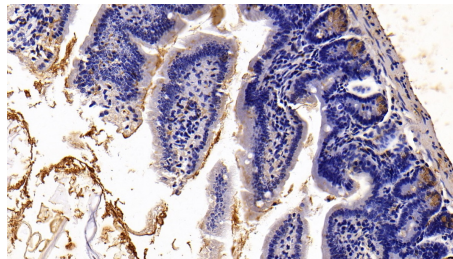
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

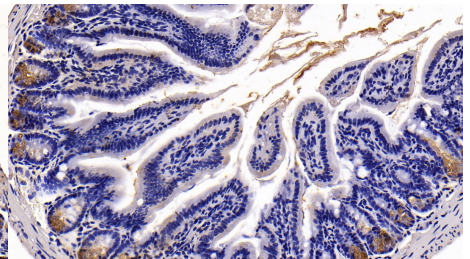
[IDENTIFICATION]



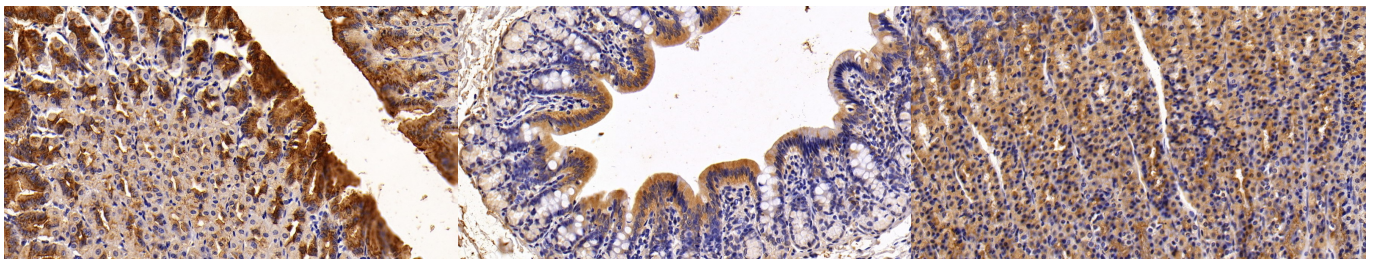
Western Blot; Sample: Lane1: Mouse Stomach lysate; Lane2: Mouse Small intestine lysate; Lane3: Rat Stomach lysate Primary Ab: 0.1µg/ml Rabbit Anti-Mouse TFF2 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



DAB staining on IHC-P; Sample: Mouse Small intestine Tissue; Primary Ab: 20ug/ml Rabbit Anti-Mouse TFF2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



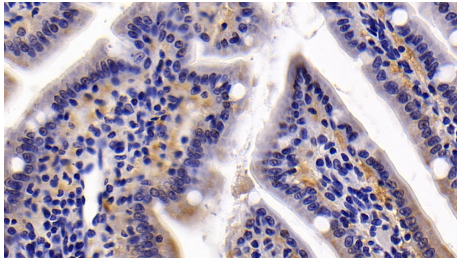
DAB staining on IHC-P; Sample: Mouse Colon Tissue; Primary Ab: 20ug/ml Rabbit Anti-Mouse TFF2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



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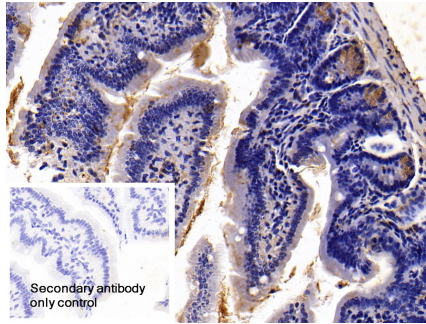
DAB staining on IHC-P; Sample: Rat Colon Tissue; Primary Ab: 20ug/ml Rabbit Anti-Mouse TFF2 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

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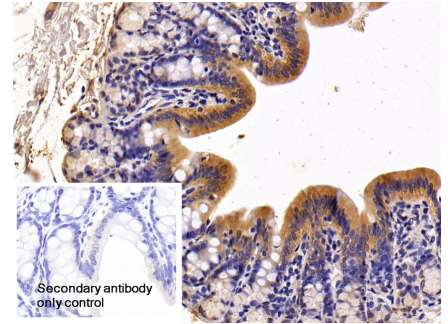
DAB staining on IHC-P;

Sample: Rat Small intestine Tissue;
 Primary Ab: 20ug/ml Rabbit Anti-Mouse
 TFF2 Antibody
 Second Ab: 2µg/mL HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19)



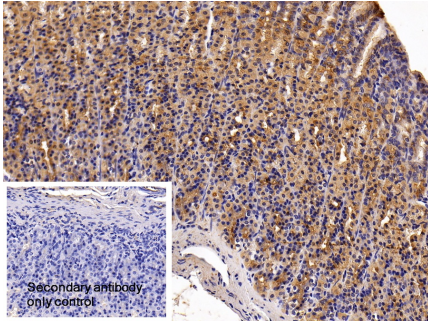
DAB staining on IHC-P;

Sample: Mouse Small intestine Tissue
 Primary Ab: 20µg/ml Rabbit Anti-Mouse
 TFF2 Antibody
 Control: Used PBS instead of primary
 antibody
 Second Ab: 2µg/ml HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
 Antibody
 (Catalog: SAA544Rb19)



DAB staining on IHC-P;

Sample: Rat Colon Tissue
 Primary Ab: 20µg/ml Rabbit Anti-Mouse
 TFF2 Antibody
 Control: Used PBS instead of primary
 antibody
 Second Ab: 2µg/ml HRP-Linked
 Caprine Anti-Rabbit IgG Polyclonal
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DAB staining on IHC-P;

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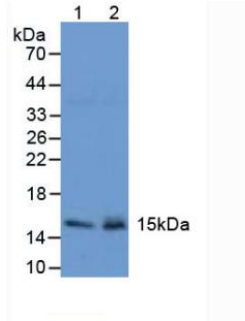


Figure. Western Blot; Sample: Lane1:
 Mouse Stomach Tissue; Lane2: Mouse
 Pancreas Tissue.

[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.