

**PAA753Mu01**

**Polyclonal Antibody to Toll Like Receptor 4 (TLR4)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Polyclonal antibody preparation

**Host:** Rabbit

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

**Traits:** Liquid

**Concentration:** 1mg/ml

**UOM:** 100µg(100µl)

**Applications:** WB; IHC; ICC; IP.

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant TLR4 (Asn26~Glu269) expressed in *E.coli*

**Accession No.:** RPA753Mu01

## **[ APPLICATIONS ]**

Western blotting: 0.5-2µg/mL;1:500-2000

Immunohistochemistry: 5-20µg/mL;1:50-200

Immunocytochemistry: 5-20µg/mL;1:50-200

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 12 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 ]**

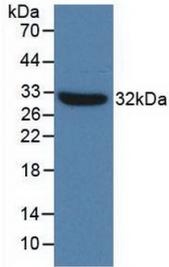


Figure. Western Blot; Sample: Recombinant TLR4, Mouse.



Western Blot; Sample: Mouse Spleen lysate;  
Primary Ab: 2µg/ml Rabbit Anti-Mouse TLR4 Antibody  
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody  
(Catalog: SAA544Rb19)

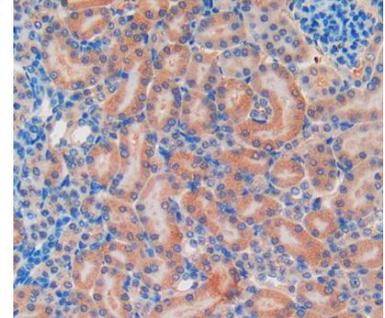


Figure. DAB staining on IHC-P; Samples: Mouse Kidney Tissue.

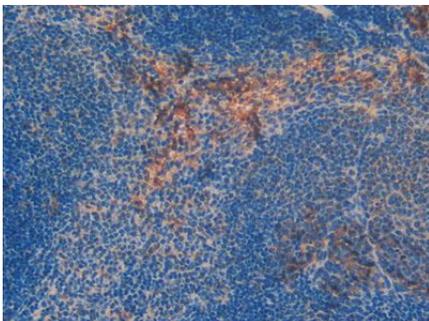


Figure. DAB staining on IHC-P; Samples: Mouse Spleen Tissue.

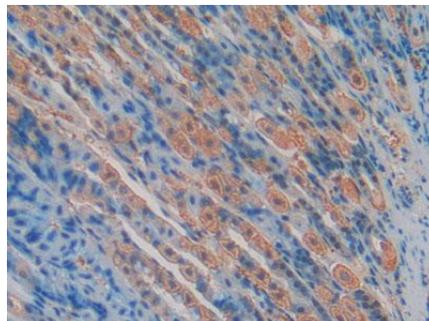


Figure. DAB staining on IHC-P; Samples: Mouse Stomach Tissue.

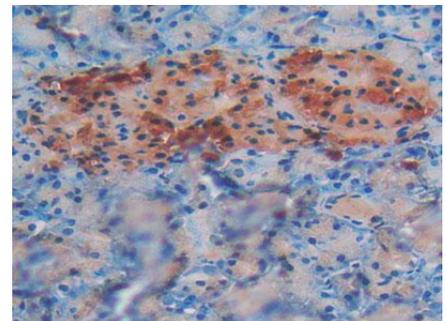


Figure. DAB staining on IHC-P; Samples: Mouse Pancreas Tissue.

**[ 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.