

**PAA800Hu02**

**Polyclonal Antibody to Pregnancy Associated Plasma Protein A (PAPPA)**

**Organism Species: *Homo sapiens (Human)***

***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:** 200μL

**Cross Reactivity:** N/A

**Applications:** WB; IHC; FCM

### **[ IMMUNOGEN ]**

**Immunogen:** Recombinant PAPPA (Thr1270~Cys1558) expressed in *E.coli*

**Accession No.:** RPA800Hu02

### **[ APPLICATIONS ]**

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Flow cytometry: 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.

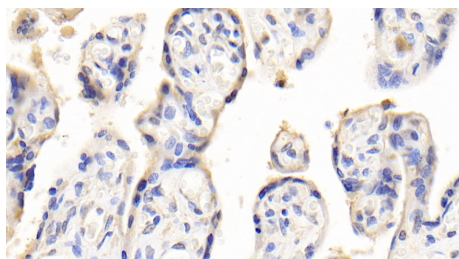
Store at 4°C for frequent use.

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

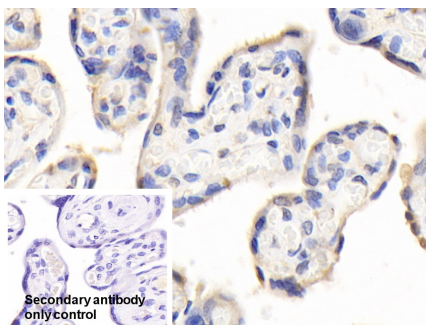
obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]



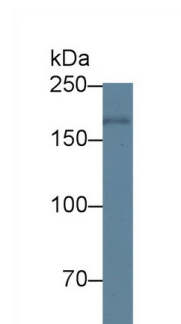
DAB staining on IHC-P; Samples:

Human Placenta Tissue; Primary Ab:  
20µg/mL Rabbit Anti-Human PAPP-A  
Antibody Second Ab: 2µg/mL HRP-  
Linked Caprine Anti-Rabbit IgG  
Polyclonal Antibody (Catalog:  
SAA544Rb19)



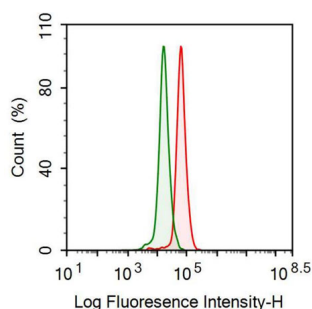
DAB staining on IHC-P;

Sample: Human Placenta Tissue  
Primary Ab: 20µg/mL Rabbit Anti-  
Human PAPP-A Antibody  
Control: Used PBS instead of primary  
antibody  
Second Ab: 2µg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)



Western Blot; Sample: Human Placenta  
lysate;

Primary Ab: 1µg/mL Rabbit Anti-Human  
PAPP-A Antibody  
Second Ab: 0.2µg/mL HRP-Linked  
Caprine Anti-Rabbit IgG Polyclonal  
Antibody  
(Catalog: SAA544Rb19)



Human A549 cell was fixed with 2%  
paraformaldehyde (10 min) ,  
permeabilised with 0.1% BSA-Triton  
X-100, then stained with 20µg/mL rabbit  
Anti-human PAPP-A Polyclonal  
Antibody (Catalog PAA800Hu02, red  
histogram) or Isotype control antibody

(Catalog IS067-Rb01, green histogram), followed by 1µg/mL FITC-conjugated Anti-rabbit IgG Secondary Antibody (Catalog SAA544Rb18).

**[ 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.