



**PAA822Hu01**

**Polyclonal Antibody to Heat Shock 60kD Protein 1, Chaperonin (HSPD1)**

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

***Instruction manual***

FOR IN VITRO USE AND 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.

**Traits:** Liquid

**Concentration:** 200µg/mL

**UOM:** 50µg

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

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant HSPD1 (Met1~Phe573) expressed in *E.coli*.

**Accession No.:** RPA822Hu01

## **[ APPLICATIONS ]**

Western blotting: 0.5-2µg/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 ]**

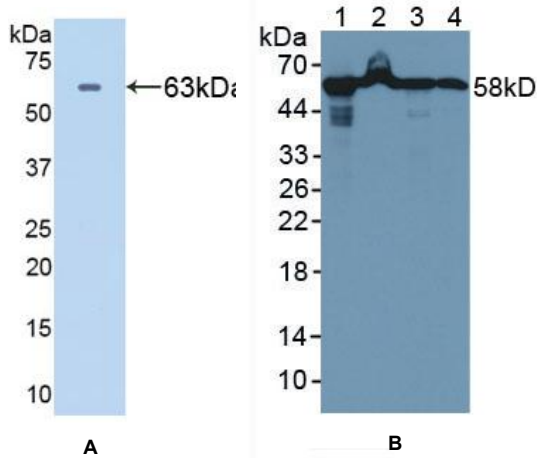
**Storage:** Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 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 1. Western Blot**

**A. Sample: Recombinant HSPD1, Human**

**B. Lane1: Rat Liver Tissue**

**Lane2: Rat Pancreas Tissue**

**Lane3: Human A549 Cells**

**Lane4: Human MCF Cells**

**Primary Ab: 1µg/mL Rabbit Anti-Human HSPD1 Ab**

**Second Ab: 1:2000 Dilution of HRP-Linked Guinea pig**

**Anti-Rabbit Ab (Catalog: SAA544Rb59)**