PAA571Hu01

Polyclonal Antibody to Collagen Type I (COL1)

Organism Species: Homo sapiens (Human)

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:** 100µl  
**Cross Reactivity:** N/A  
**Applications:** WB; IHC; ICC; IP.

**IMMUNOGEN**

**Immunogen:** Recombinant COL1 (Arg253~Ala471) expressed E.coli  
**Accession No.:** RPA571Hu01

**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 4ºC for frequent use.  
Aliquot and store at -20ºC 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 37ºC 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 ]

[ 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.