

PAA350Hu02

Polyclonal Antibody to Collagen Type I Alpha 1 (COL1a1)

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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: 0.84mg/ml

UOM: 100µg(120µl)

Cross Reactivity: Mouse; Rat; Pig

Applications: WB; ICC; IHC-P; IHC-F; ELISA.

[IMMUNOGEN]

Immunogen: Recombinant COL1a1 (Ala1218~Ile1440) expressed in *E.coli*

Accession No.: RPA350Hu02

[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 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]

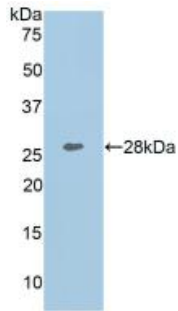


Figure. Western Blot; Sample:
Recombinant COL1a1, Human.

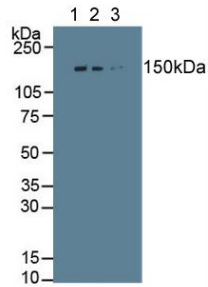


Figure. Western Blot; Sample: Lane1:
Human Placenta Tissue; Lane2:
Human Liver Tissue; Lane3: Porcine
Skin Tissue.

[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.