

PAB197Hu01

Polyclonal Antibody to Cartilage Oligomeric Matrix Protein (COMP)

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: Porcine

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant COMP (Ser123~His240) expressed in *E.coli*

Accession No.: RPB197Hu01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

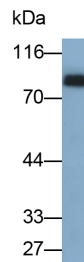
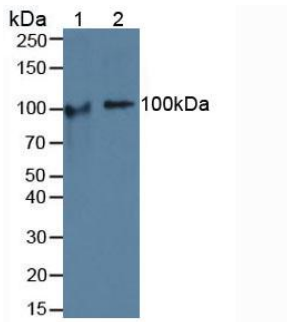
Storage: Avoid repeated freeze/thaw cycles.

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]



Western Blot; Samples: Lane1: Human Western Blot; Sample: Jurkat cell lysate

Cartilage lysate; Lane2: Porcine
Cartilage lysate;

Primary Ab: 0.3µg/ml Rabbit Anti-
Human COMP Antibody

Primary Ab: 3µg/ml Rabbit Anti-Human
COMP Antibody

Second Ab: 0.2?g/ml HRP-Linked
Caprine Anti-Rabbit IgG Polyclonal

Second Ab: 0.2?g/ml HRP-Linked

Antibody

Caprine Anti-Rabbit IgG Polyclonal
Antibody

(Catalog: SAA544Rb19)

(Catalog: SAA544Rb19)

[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.