

**NPA544Cp01 50µg**  
**Native Immunoglobulin G (IgG)**  
**Organism Species: Capra hircus; Caprine (Goat)**  
*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:** Natural Extract

**Host:** Goat

**Tissue Specificity:** Serum.

**Subcellular Location:** Secreted.

**Purity:** >90% as determined by SDS-PAGE.

**Purification Methods:** Salt co-precipitation and ionic-Exchange chromatography.

**Traits:** Freeze-dried powder

**Buffer Formulation:** PBS, pH7.4, containing 5% Trehalose.

**Original Concentration:** 100µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 8.0

**Accurate Molecular Mass:** 27&55kDa

**Observe Molecular Mass:** 27&55kDa

## **[ USAGE ]**

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

## **[ STORAGE AND STABILITY ]**

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

Store at 2-8°C for one month.

Aliquot and store at -80°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 ]

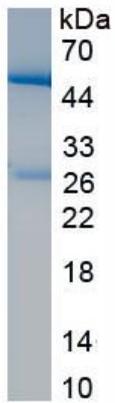


Figure 1. SDS-PAGE

## [ 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.