

**PAA601Bo01**

**Polyclonal Antibody to Myeloperoxidase (MPO)**

**Organism Species: *Bos taurus*; Bovine (Cattle)**

***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:** Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

**Traits:** Liquid

**Concentration:** 0.5mg/mL

**UOM:** 200µL

**Cross Reactivity:** N/A

**Applications:** WB

## **[ IMMUNOGEN ]**

**Immunogen:** Synthetic Peptide, MPO conjugated to OVA. Target peptide sequence: TCMEEAKRLVDKVYKE.

**Accession No.:** CPA601Bo21

## **[ APPLICATIONS ]**

Western blotting: 0.01-5µg/mL;

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

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

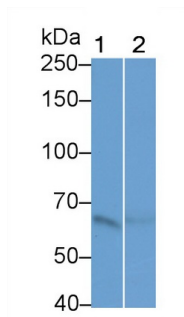
Store at 4°C for frequent use.

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; Sample: Lane1: Bovine

Liver lysate; Lane2: Bovine Heart lysate

Primary Ab: 5?g/ml Rabbit Anti-Bovine

MPO Antibody Second Ab: 0.2μg/mL

HRP-Linked Caprine Anti-Rabbit IgG

Polyclonal Antibody (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.