

PAA289Mi01

Polyclonal Antibody to Histone H4 (H4)

Organism Species: *Homo sapiens* (Human), *Mus musculus* (Mouse), *Rattus norvegicus* (Rat), *Cavia* (Guinea pig), *Rhesus monkey* (Simian), *Felis catus*; *Feline* (Cat), *Canis familiaris*; *Canine* (Dog), *Sus scrofa*; *Porcine* (Pig), *Bos taurus*; *Bovine* (Cattle), *Equus caballus*; *Equine* (Horse), *Chicken* (*Gallus*)

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: 0.33mg/mL

UOM: 100µL

Cross

Reactivity: Human;Mouse;Cavia;Rabbit;Simian;Feline;Canine;Porcine;Bovine;Equine;Gallus

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant Histone H4 (Ser2~Gly103) expressed in *E.coli*

Accession No.: RPA289Mi01

[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 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]

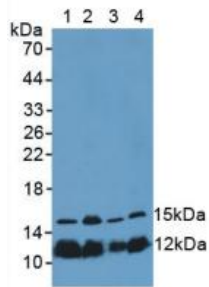


Figure. Western Blot; Sample: Lane1: Porcine Spleen Tissue; Lane2: Mouse Thymus Tissue; Lane3: Mouse Placenta Tissue; Lane4: Human Hela Cells.

[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.