



PAA289Mi01

Polyclonal Antibody to Histone H4 (H4)

Organism Species: Homo sapiens (Human)

Mus musculus (Mouse)

Rattus norvegicus (Rat)

Sus scrofa; Porcine (Pig)

Cavia (Guinea pig)

Rhesus monkey (Simian)

Equus caballus; Equine (Horse)

Bos taurus; Bovine (Cattle)

Canis familiaris; Canine (Dog)

Felis catus; Feline (Cat)

Chicken (Gallus)

Instruction manual

**FOR IN VITRO USE AND 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.

Traits: Liquid

Concentration: 200µg/mL

UOM: 50µg

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

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

Accession No.: RPA289Mi01

[ORGANISM SPECIES MORE]

React with: Human, mouse, rat, porcine, cavia, simian, equine, bovine, canine, feline and gallus.

Other species have not been detected.

[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 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]

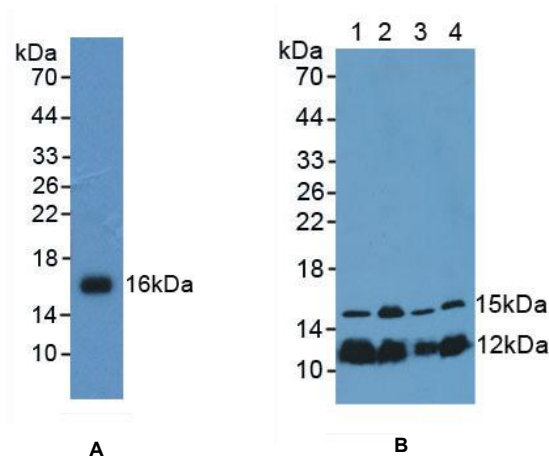


Figure 1. Western Blot

A. Sample: Recombinant H4, Human

B. Lane1: Porcine Spleen Tissue

Lane2: Mouse Thymus Tissue

Lane3: Mouse Placenta Tissue

Lane4: Human Hela Cells

Primary Ab: 1µg/mL Rabbit Anti-Human H4 Ab

Second Ab: 1:2000 Dilution of HRP-Linked Guinea pig Anti-Rabbit Ab (Catalog: SAA544Rb59)