

PAA164Mi02

Polyclonal Antibody to Ubiquitin (Ub)

Organism Species: Homo sapiens (Human)

Mus musculus (Mouse)

Rattus norvegicus (Rat)

Oryctolagus cuniculus (Rabbit)

Canis familiaris; Canine (Dog)

Sus scrofa; Porcine (Pig)

Bos taurus; Bovine (Cattle)

Equus caballus; Equine (Horse)

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: 500µg/mL

UOM: 100µg

Applications: WB; ICC; IHC-P; IHC-F; ELISA.

[IMMUNOGEN]

Immunogen: Recombinant Ub (Met1~Gly76) expressed in *E.coli*.

Accession No.: RPA164Mi01

[ORGANISM SPECIES MORE]

React with: Human, mouse, rat, rabbit, canine, porcine, bovine, equine;

Other species have not been detected.

[APPLICATIONS]

Western blotting: 1-5ug/ml

Immunocytochemistry in formalin fixed cells: 5-20ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml

Immunohistochemistry in paraffin section: 5-20ug/ml

Enzyme-linked Immunosorbent Assay: 0.05-2ug/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 two years.

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]

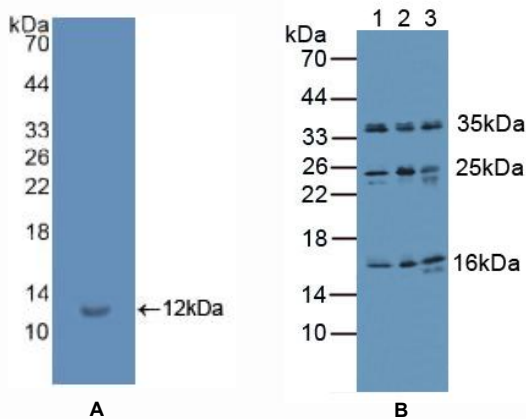


Figure 1. Western Blot

A. Sample: Recombinant Ub, Human

B. Lane1: Human Lung Tissue

Lane2: Human Hela Cells

Lane3: Mouse Liver Tissue

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

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

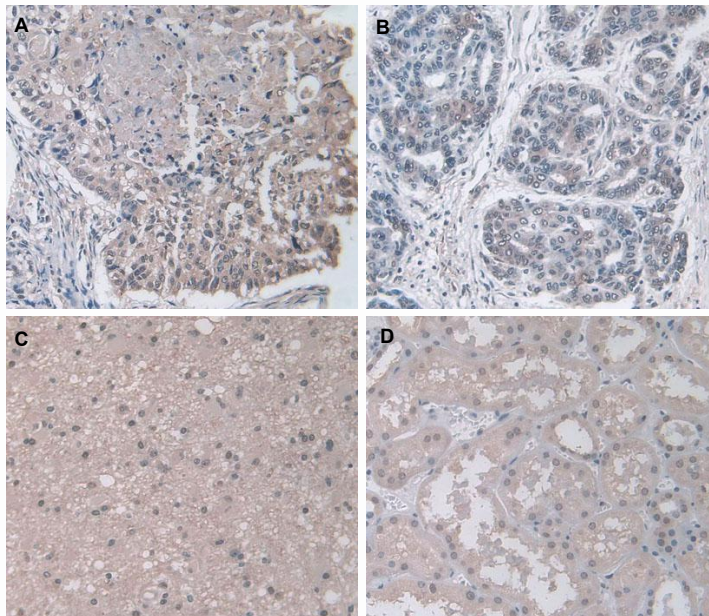


Figure 2. DAB staining on IHC-P

Samples:

A. Human Lung Cancer Tissue

B. Human Liver Cancer Tissue

C. Human Glioma Tissue

D. Human Kidney Tissue