

PAE622Hu01

Polyclonal Antibody to Cyclin Dependent Kinase 18 (CDK18)

Organism Species: Homo sapiens (Human)

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: 0.5mg/mL

UOM: 200µL

Cross Reactivity: N/A

Applications: WB.

[IMMUNOGEN]

Immunogen: Recombinant CDK18 (Tyr144~Phe425) expressed in E.coli

Accession No.: RPE622Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/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.

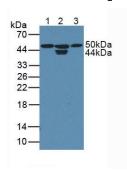
Store at 4°C for frequent use.

Aliquot and store at -20°C for 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]



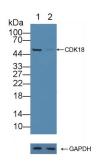


Figure. Western Blot; Sample: Lane1: Human HepG2 Cells; Lane2: Human

Knockout Varification:

MCF7 Cells; Lane 3: Human Hela Cells. Lane 2: CDK18 knockout HepG2 cell

lysate;

Lane 1: Wild-type HepG2 cell lysate;

Predicted MW: 54~58kd

Observed MW: 50kd

Primary Ab: 1µg/ml Rabbit Anti-Human

CDK18 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.