

PAG277Hu01

Polyclonal Antibody to Proteasome 26S Subunit, ATPase 2 (PSMC2)

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: Mouse

Applications: WB

[IMMUNOGEN]

Immunogen: Recombinant PSMC2 (Met1~Asn433) expressed in *E.coli*

Accession No.: RPG277Hu01

[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]

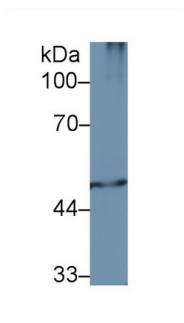
Storage: Avoid repeated freeze/thaw cycles.

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]

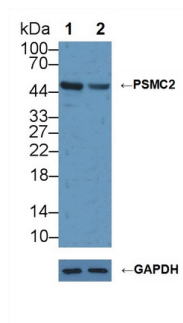


Western Blot; Sample: Mouse Spleen lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human PSMC2 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19) Selected



Knockout Varification:

Lane 1: Wild-type U2OS cell lysate;

Lane 2: PSMC2 knockout U2OS cell lysate;

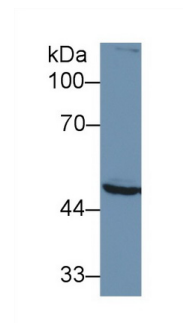
Predicted MW: 49kd

Observed MW: 49kd

Primary Ab: 2µg/ml Rabbit Anti-Human PSMC2 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19)

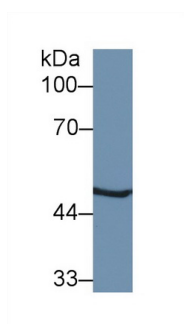


Western Blot; Sample: U2OS cell lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human PSMC2 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19) Selected



Western Blot; Sample: Mouse Liver lysate;

Primary Ab: 2µg/ml Rabbit Anti-Human PSMC2 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

(Catalog: SAA544Rb19) Selected

[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.