

Datasheet for ABIN7306144

**anti-PSMC4 antibody****2** Images[Go to Product page](#)

## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | PSMC4   |
| Reactivity:  | Human, Mouse, Rat   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This PSMC4 antibody is un-conjugated                                      |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunochromatography (IC) |

## Product Details

|                  |   |
|------------------|---|
| Immunogen:       | Recombinant full length protein of human PSMC4                  |
| Specificity:     | Recognizes endogenous levels of PSMC4 protein.                  |
| Characteristics: | Rabbit polyclonal antibody to PSMC4                             |
| Purification:    | The antibody was purified by immunogen affinity chromatography. |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | PSMC4   |
| Alternative Name: | PSMC4 ( <a href="#">PSMC4 Products</a> )  |
| Background:       | MIP224, TBP7, 26S protease regulatory subunit 6B, 26S proteasome AAA-ATPase subunit RPT3, MB67-interacting protein, MIP224, Proteasome 26S subunit ATPase 4, Tat-binding protein 7, TBP-7 |

## Target Details

|           |  |
|-----------|--|
| Gene ID:  | 5704, 23996, 117262  |
| UniProt:  | <a href="#">P43686</a> , <a href="#">P54775</a> , <a href="#">Q63570</a>   |
| Pathways: | <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a> , <a href="#">Ubiquitin Proteasome Pathway</a> |

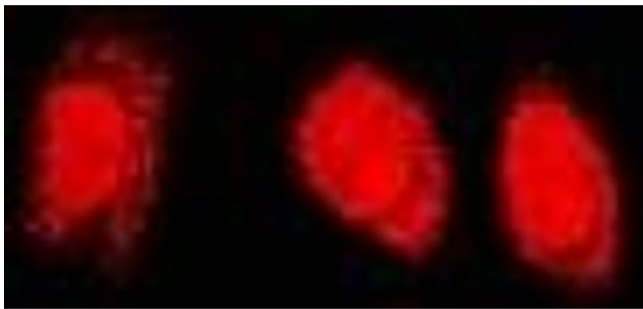
## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | WB (1:500 - 1:2000), IF/IC (1:50 - 1:200) |
| Restrictions:      | For Research Use only                     |

## Handling

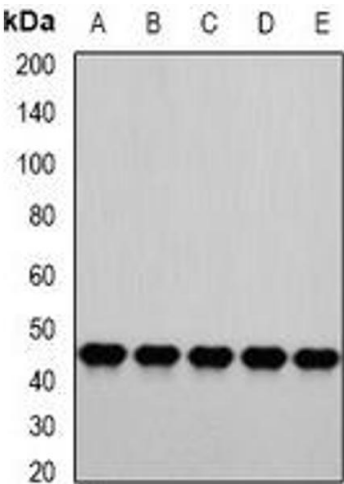
|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.          |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.                       |
| Expiry Date:       | 12 months  |

## Images



### Immunofluorescence

**Image 1.** Immunofluorescent analysis of PSMC4 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



Western Blotting

**Image 2.** Western blot analysis of PSMC4 expression in HepG2 (A), A549 (B), HeLa (C), Jurkat (D), mouse liver (E) whole cell lysates.