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# anti-PSMC2 antibody

3 Images



#### Overview

Quantity:	100 μL
Target:	PSMC2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

#### **Product Details**

Immunogen:	Recombinant full length protein of human PSMC2
Specificity:	Recognizes endogenous levels of PSMC2 protein.
Characteristics:	Rabbit polyclonal antibody to PSMC2
Purification:	The antibody was purified by immunogen affinity chromatography.

# **Target Details**

Target:	PSMC2
Alternative Name:	PSMC2 (PSMC2 Products)
Background:	MSS1, 26S protease regulatory subunit 7, 26S proteasome AAA-ATPase subunit RPT1, Proteasome 26S subunit ATPase 2, Protein MSS1

# **Target Details**

Gene ID:	5701, 25581
UniProt:	P35998, P46471, Q63347
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, Ubiquitin Proteasome Pathway

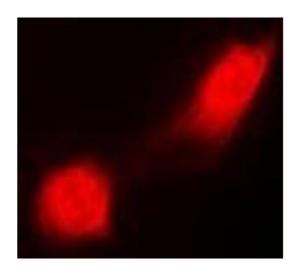
# **Application Details**

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

# Handling

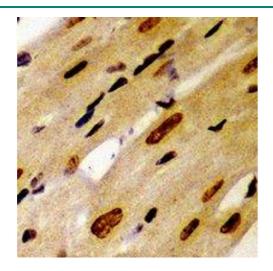
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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

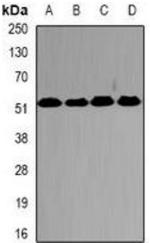
# **Images**



# Immunofluorescence

**Image 1.** Immunofluorescent analysis of PSMC2 staining in MCF7 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





#### **Immunohistochemistry**

**Image 2.** Immunohistochemical analysis of PSMC2 staining in mouse heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the a

#### **Western Blotting**

Image 3. Western blot analysis of PSMC2 expression in HepG2 (A), SW620 (B), mouse testis (C), mouse brain (D) whole cell lysates.