

Datasheet for ABIN7306262

**anti-PSME1 antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	PSME1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSME1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	Recombinant full length protein of human PA28 alpha
Specificity:	Recognizes endogenous levels of PA28 alpha protein.
Characteristics:	Rabbit polyclonal antibody to PA28 alpha
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	PSME1
Alternative Name:	PA28 alpha ( <a href="#">PSME1 Products</a> )
Background:	IFI5111, Proteasome activator complex subunit 1, 11S regulator complex subunit alpha, REG-alpha, Activator of multicatalytic protease subunit 1, Interferon gamma up-regulated I-5111 protein, IGUP I-5111, Proteasome activator 28 subunit alpha, PA28a, PA28alpha

## Target Details

Gene ID:	5720, 19186
UniProt:	<a href="#">Q06323</a> , <a href="#">P97371</a> , <a href="#">Q63797</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Synthesis of DNA</a>

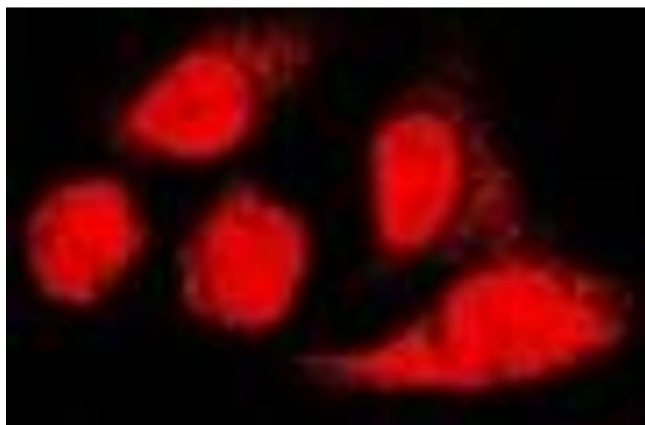
## Application Details

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

## Handling

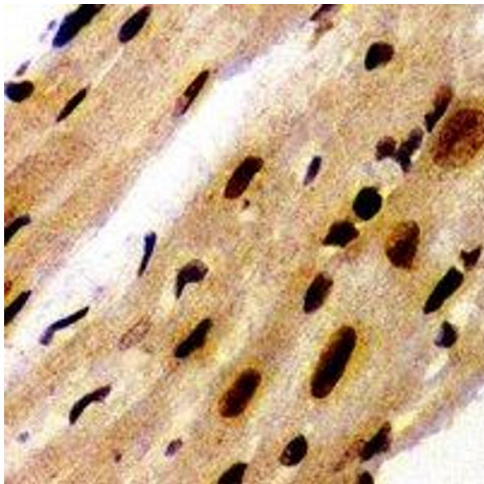
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: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



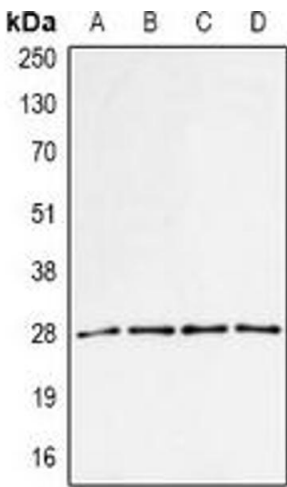
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of PA28 alpha 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 anti



Immunohistochemistry

**Image 2.** Immunohistochemical analysis of PA28 alpha 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



Western Blotting

**Image 3.** Western blot analysis of PA28 alpha expression in MCF7 (A), BT474 (B), mouse spleen (C), mouse liver (D) whole cell lysates.