

Datasheet for ABIN7305904

anti-PSMB1 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PSMB1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human PSMB1
Specificity:	Recognizes endogenous levels of PSMB1 protein.
Characteristics:	Rabbit polyclonal antibody to PSMB1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	PSMB1
Alternative Name:	PSMB1 (PSMB1 Products)
Background:	PSC5, Proteasome subunit beta type-1, Macropain subunit C5, Multicatalytic endopeptidase complex subunit C5, Proteasome component C5, Proteasome gamma chain

Target Details

Gene ID:	5689, 19170, 94198
UniProt:	P20618 , O09061 , P18421
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA

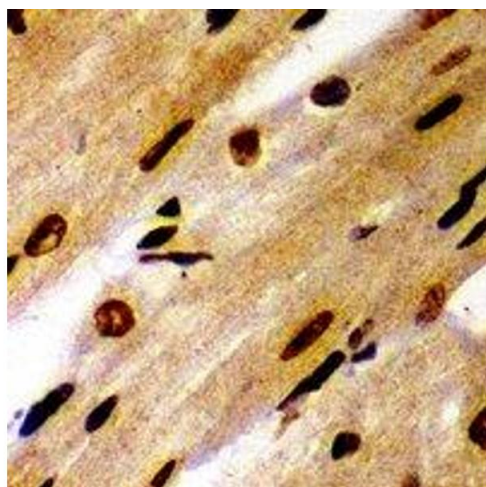
Application Details

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

Handling

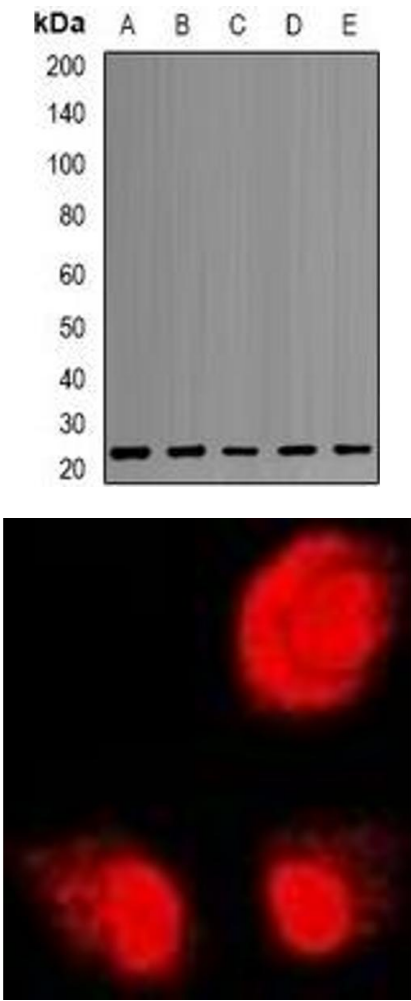
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage: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



Immunohistochemistry

Image 1. Immunohistochemical analysis of PSMB1 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 2. Western blot analysis of PSMB1 expression in MCF7 (A), HepG2 (B), K562 (C), PC3 (D), mouse liver (E) whole cell lysates.

Immunofluorescence

Image 3. Immunofluorescent analysis of PSMB1 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