

## Datasheet for ABIN571233 **anti-PSMB7 antibody (Internal Region)**

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### 1 Image

#### Overview

Quantity:	100 µg
Target:	PSMB7
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PSMB7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Purpose:	PSMB7
Immunogen:	C-RNAVLEADFAKR
Sequence:	RNAVLEADFA KR
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

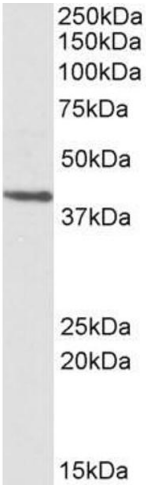
Target:	PSMB7
Alternative Name:	PSMB7 ( <a href="#">PSMB7 Products</a> )
Background:	PSMB7, proteasome (prosome, macropain) subunit, beta type, 7, Z, macropain chain Z, multicatalytic endopeptidase complex chain Z, proteasome beta 7 subunit, proteasome catalytic subunit 2, proteasome subunit Z, proteasome subunit alpha, proteasome subunit
Gene ID:	5695, 19177, 85492
NCBI Accession:	<a href="#">NP_002790</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>

## Application Details

Application Notes:	Western Blot: Approx 40 kDa band observed in lysates of cell lines HEK 293, HeLa and Jurkat and of Mouse Fetal Brain (calculated MW of 30.0 kDa according to NP_002790.1). This molecular weight is routinely observed by other sources. Recommended concentration: 1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN571233 (0.3µg/ml) staining of HEK293 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.