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## Datasheet for ABIN1387044 **anti-PSMA3 antibody (pSer250)**

### Overview

Quantity:	100 µL
Target:	PSMA3
Binding Specificity:	pSer250
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Proteasome 20S alpha 3 around the phosphorylation site of Ser250
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	PSMA3
Abstract:	<a href="#">PSMA3 Products</a>

## Target Details

Background:	<p>Synonyms: Proteasome 20S alpha 3 phospho S250,20S Proteasome 3, HC8, Macropain subunit C8, Multicatalytic endopeptidase complex subunit C8, Proteasome prosome macropain subunit alpha type 3, Proteasome alpha 3 subunit, Proteasome component C8, Proteasome subunit alpha type 3, Proteasome subunit alpha type-3, Proteasome subunit C8, PSA3_HUMAN, PSC3, PSMA3.</p> <p>Background: The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH . The proteasome has an ATP-dependent proteolytic activity. Binds to the C-terminus of CDKN1A and thereby mediates its degradation. Negatively regulates the membrane trafficking of the cell-surface thromboxane A2 receptor (TBXA2R) isoform 2.</p>
Gene ID:	5684
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months