Datasheet for ABIN7164922 anti-PSME3 antibody (AA 2-252) (HRP)

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Overview

Quantity:	100 µg
Target:	PSME3
Binding Specificity:	AA 2-252
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSME3 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Proteasome activator complex subunit 3 protein (2-252AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	PSME3
Alternative Name:	PSME3 (PSME3 Products)
Background:	Background: Subunit of the 11S REG-gamma (also called PA28-gamma) proteasome regulator,
	a doughnut-shaped homoheptamer which associates with the proteasome. 11S REG-gamma

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	activates the trypsin-like catalytic subunit of the proteasome but inhibits the chymotrypsin-like
	and postglutamyl-preferring (PGPH) subunits. Facilitates the MDM2-p53/TP53 interaction
	which promotes ubiquitination- and MDM2-dependent proteasomal degradation of p53/TP53,
	limiting its accumulation and resulting in inhibited apoptosis after DNA damage. May also be
	involved in cell cycle regulation.
	Aliases: 11S regulator complex gamma subunit antibody, 11S regulator complex subunit
	gamma antibody, Activator of multicatalytic protease subunit 3 antibody, Ki antibody, Ki antigen
	antibody, Ki nuclear autoantigen antibody, Ki, PA28 gamma antibody, PA28 gamma antibody,
	PA28g antibody, PA28gamma antibody, Proteasome (prosome, macropain) activator subunit 3
	(PA28 gamma, Ki) antibody, Proteasome (prosome, macropain) activator subunit 3 antibody,
	Proteasome activator 28 gamma antibody, Proteasome activator 28 subunit gamma antibody,
	Proteasome activator complex subunit 3 antibody, Proteasome activator subunit 3 antibody,
	PSME3 antibody, PSME3_HUMAN antibody, REG GAMMA antibody, REG-gamma antibody
UniProt:	P61289
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Positive Regulation of Endopeptidase Activity,
	Hepatitis C, Synthesis of DNA

## **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	

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