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Datasheet for ABIN7164920
anti-PSME3 antibody (AA 2-252) (Biotin)

Overview

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

Product Details

Immunogen:	Recombinant Human Proteasome activator complex subunit 3 protein (2-252AA)
Isotype:	IgG
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

Target Details

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.