



Rabbit Anti-PSME3 antibody

SL4222R

Product Name:	PSME3
Chinese Name:	蛋白酶体激活因子PA28 γ 抗体
Alias:	PA28G; 11S regulator complex gamma subunit; 11S regulator complex subunit gamma; Activator of multicatalytic protease subunit 3; Ki antibody Ki antigen; Ki nuclear autoantigen; Ki, PA28 gamma; PA28 gamma; PA28gamma; Proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki); Proteasome (prosome, macropain) activator subunit 3; Proteasome activator 28 gamma; Proteasome activator 28 subunit gamma; Proteasome activator complex subunit 3; Proteasome activator subunit 3; PSME3; PSME3 HUMAN;
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	28kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PSME3:201-254/254
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Subunit of the 11S REG-gamma (also called PA28-gamma) proteasome regulator, a

donut-shaped homoheptamer which associates with the proteasome. 11S REG-gamma activates the trypsin-like catalytic subunit of the proteasome but inhibits the chymotrypsin-like and postglutamyl-preferring (PGPH) subunits. Facilitates the MDM2-TP53/p53 interaction which promotes ubiquitination- and MDM2-dependent proteasomal degradation of TP53/p53, limiting its accumulation and resulting in inhibited apoptosis after DNA damage. May also be involved in cell cycle regulation.

SWISS:
P61289

Gene ID:
10197

Database links:

[Entrez Gene: 10197](#) Human

[Entrez Gene: 19192](#) Mouse

[Entrez Gene: 397625](#) Pig

[Entrez Gene: 287716](#) Rat

[Omim: 605129](#) Human

[SwissProt: Q5F3J5](#) Chicken

[SwissProt: P61289](#) Human

[SwissProt: P61290](#) Mouse

[SwissProt: P61291](#) Pig

[Unigene: 152978](#) Human

[Unigene: 288477](#) Mouse

[Unigene: 198325](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.