

## PSME3 antibody

### Product Information

Catalog No.:	FNab06896
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

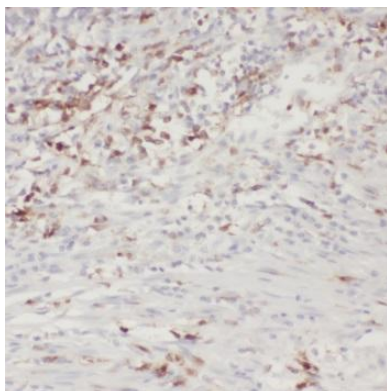
Subunit of the 11S REG-gamma(also called PA28-gamma) proteasome regulator, a doughnut-shaped homoheptamer which associates with the proteasome. 11S REG-gamma activates the trypsin-like catalytic subunit of the proteasome but inhibits the chymotrypsin-like and postglutamyl-preferring(PGPH) subunits. Facilitates 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. Mediates CCAR2 and CHEK2-dependent SIRT1 inhibition(PubMed:25361978).

### Immunogen information

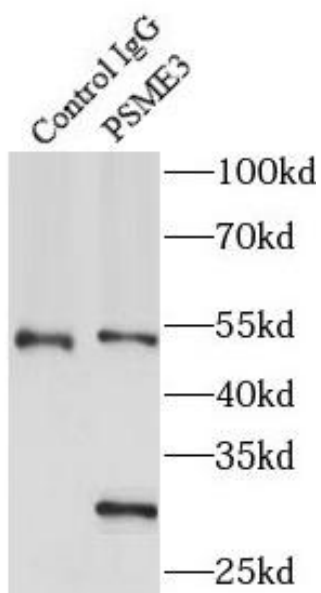
Immunogen:	proteasome(prosome, macropain) activator subunit 3(PA28 gamma; Ki)
Synonyms:	Proteasome activator complex subunit 3 11S regulator complex subunit gamma (REG-gamma) Activator of multicatalytic protease subunit 3 Ki nuclear autoantigen Proteasome activator 28 subunit gamma (PA28g, PA28gamma) PSME3
Observed MW:	30 kDa
Uniprot ID :	P61289

### Application

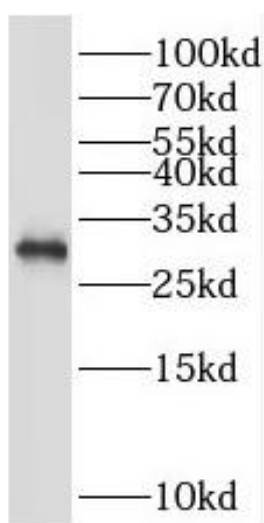
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200
Image:	



Immunohistochemistry of paraffin-embedded human colon cancer using FNab06896(PSME3 antibody) at dilution of 1:50



IP Result of anti-PSME3 (IP:FNab06896, 3ug; Detection:FNab06896 1:500) with COLO 320 cells lysate 2000ug.



human colon tissue were subjected to SDS PAGE followed by western blot with FNab06896(PSME3 antibody) at dilution of 1:500