

Proteasome activator complex subunit 3 Polyclonal Antibody

Catalog No: #42571

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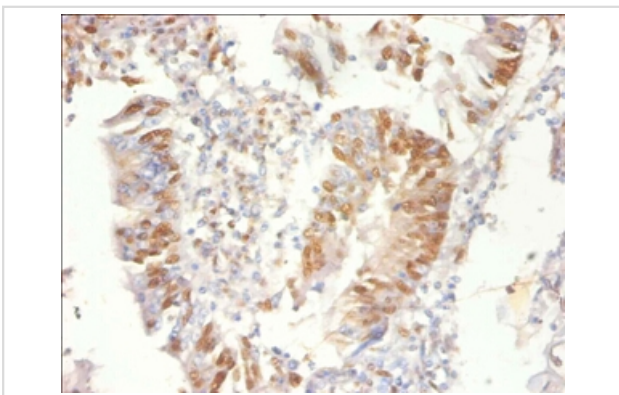
Description

Product Name	Proteasome activator complex subunit 3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Proteasome activator complex subunit 3 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Proteasome activator complex subunit 3 protein
Target Name	Proteasome activator complex subunit 3
Other Names	PSME3 , 11S regulator complex subunit gamma, Short name=REG-gamma, Activator of multicatalytic protease subunit 3, Ki nuclear autoantigen, Proteasome activator 28 subunit gamma, PA28g, PA28gamma
Accession No.	Swiss-Prot#: P61289
Uniprot	P61289
GeneID	10197;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

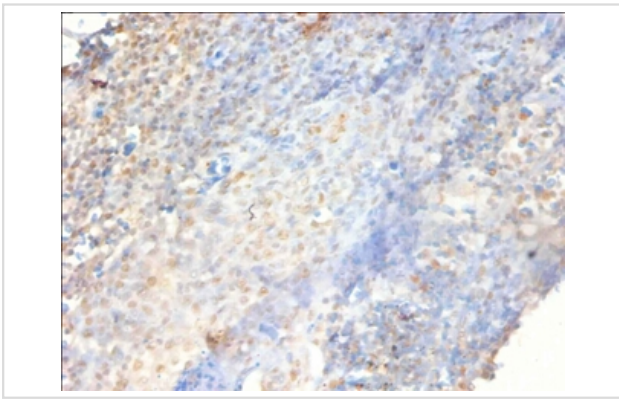
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma using #42571 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human tonsil using #42571 at dilution of 1:100.

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.

References

[1] "Cloning and nucleotide sequence of cDNA for Ki antigen, a highly conserved nuclear protein detected with sera from patients with systemic lupus erythematosus." Nikaido T., Shimada K., Shibata M., Hata M., Sakamoto M., Takasaki Y., Sato C., Takahashi T

Note: This product is for in vitro research use only