

PSMD3 Antibody

Catalog No: #31119

Package Size: #31119-1 50ul #31119-2 100ul

Orders: order@signalwayantibody.com

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Description

Product Name	PSMD3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total PSMD3 protein.
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human proteasome (prosome, macropain) 26S subunit, non-ATPase, 3
Target Name	PSMD3
Other Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 3, S3, P58, RPN3, TSTA2
Accession No.	Swiss-Prot:O43242Gene ID:5709;
Uniprot	O43242
GeneID	5709;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

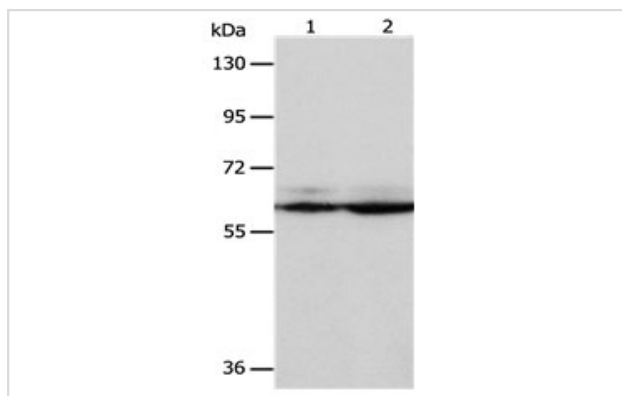
Predicted MW: 61kd

ELISA: 1:1000-1:5000

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

Lane1: HeLa cell lysate

Lane2: Jurkat cell lysate

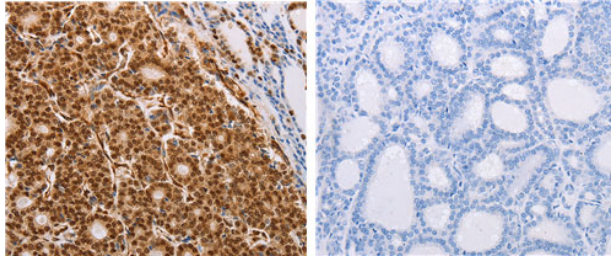
Lysates: 40 ug per lane

Primary antibody: 1/300dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at

1/10000 dilution

Exposure time: 5 seconds



The image on the left is immunohistochemistry of paraffin-embedded human thyroid cancer tissue using 31119 (PSMD3 Antibody) at dilution 1/25, on the right is treated with the fusion protein.

Background

The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. This gene encodes a member of the proteasome subunit S3 family that functions as one of the non-ATPase subunits of the 19S regulator lid. Single nucleotide polymorphisms in this gene are associated with neutrophil count.

Note: This product is for in vitro research use only