
Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000,
IHC:1:50-1:200

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. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a non-ATPase subunit of the 19S regulator. Three transcript variants encoding two different isoforms have been found for this gene.

Gene ID:

PSMD9

Uniprot

O00233

Synonyms:

proteasome (prosome, macropain) 26S subunit, non-ATPase, 9

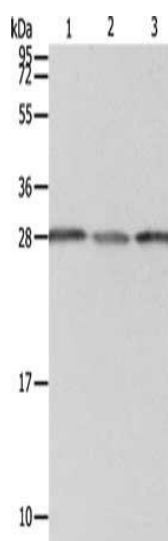
Immunogen:

Fusion protein of human PSMD9.

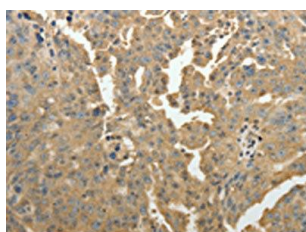
Storage:

-20° C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

Product Images



Gel: 12%SDS-PAGE, Lysate: 40 μg, Lane 1-3: A549 cells, human liver cancer tissue, Human fetal kidney tissue, Primary antibody: PACO14936(PSMD9 Antibody) at dilution 1/800, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PACO14936(PSMD9 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x—200).