PSMD13 Rabbit Polyclonal Antibody

CAB6956

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

43kDa

Calculated MW:

42kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

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. Two transcripts encoding different isoforms have been described.

Immunogen information

Gene ID:
5719

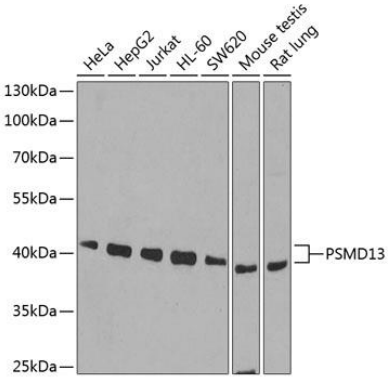
Uniprot
Q9UNM6

Synonyms:
PSMD13; HSPC027; Rpn9; S11; p40.5

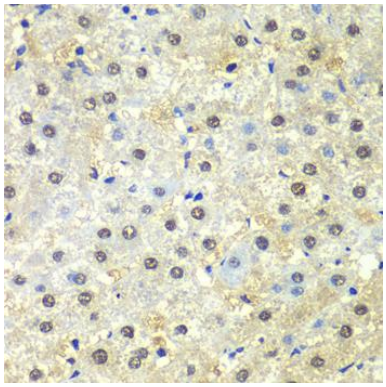
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human PSMD13 (NP_002808.3).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

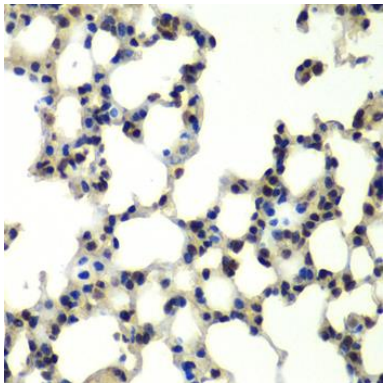
Product Images



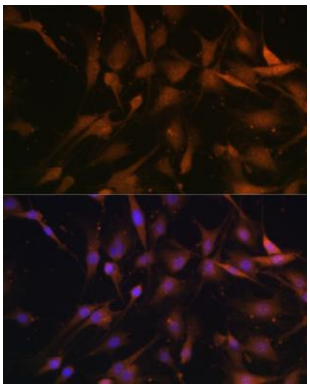
Western blot analysis of extracts of various cell lines, using PSMD13 antibody (CAB6956) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human liver damage using PSMD13 antibody (CAB6956) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using PSMD13 antibody (CAB6956) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of C6 cells using PSMD13 Polyclonal Antibody (CAB6956) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

