

PSMD4

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 41kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human PSMD4

Storage Buffer:

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

Concentration:

j

Synonym:

PSMD4;AF;AF-1;ASF;MCB1;Rpn10;S5A;pUB-R5 ;

Catalog #: A1061

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5710

Isotype: IgG

Swiss Prot: P55036

Purity: Affinity purification

For research use only.

Background:

S5a (PSMD4) is a subunit of the 19S regulatory proteasome complex functioning in ubiquitinated-protein targeting and degradation (1). S5a contains two polyubiquitin binding motifs (UIM) that bind multiubiquitin chains by hydrophobic interaction (2,3). In addition to ubiquitin, the UIM of S5a shows high affinity to a ubiquitin-like domain present in many proteins. S5a binds to these types of proteins directly and mediates their targeting to the proteasome for degradation (4,5).

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