

PSMD5 rabbit pAb

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| Catalog No : | YN3903 |
| Reactivity : | Human;Mouse |
| Applications : | WB |
| Target : | PSMD5 |
| Gene Name : | PSMD5 KIAA0072 |
| Protein Name : | PSMD5 |
| Human Gene Id : | 5711 |
| Human Swiss Prot No : | Q16401 |
| Mouse Gene Id : | 66998 |
| Mouse Swiss Prot No : | Q8BJY1 |
| Immunogen : | Synthesized peptide derived from human PSMD5 AA range: 424-474 |
| Specificity : | This antibody detects endogenous levels of PSMD5 at Human/Mouse |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500-2000 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |

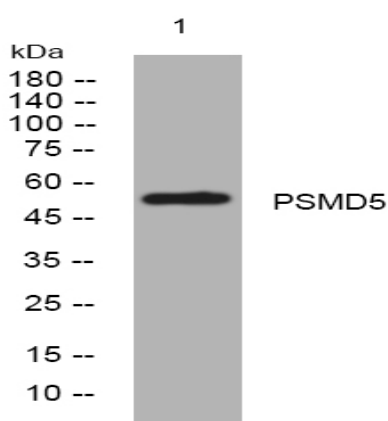
Molecularweight : 55kD

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 non-ATPase subunit of the 19S regulator base that functions as a chaperone protein during 26S proteasome assembly. [provided by RefSeq, Jul 2012],

Function : domain:Rich in dileucine repeats, which have been implicated in trafficking of a variety of transmembrane proteins.,function:Belongs to the 26S multisubunit protease, which is required for ubiquitin-dependent proteolysis. Does not bind ubiquitin polymers.,similarity:Belongs to the proteasome subunit S5B family.,subunit:26S protease is composed of a multicatalytic protease (proteasome) and a regulatory ATPase complex. Both are multisubunit structures that associate in the presence of ATP to form the protease. Subunit S5B is part of the regulatory complex.,

Subcellular Location : proteasome complex,nucleoplasm,cytosol,proteasome regulatory particle, base subcomplex,proteasome accessory complex,

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Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night