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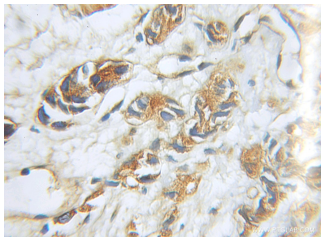
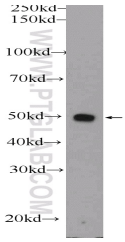
PSMD5 Polyclonal Antibody

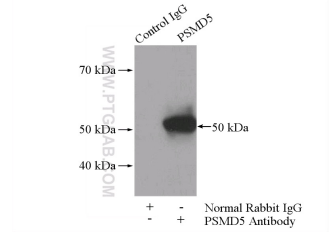
Catalog number: 11469-1-AP
Size: 22 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
PSMD5; 26S protease subunit S5 basic, 26S proteasome subunit S5B, KIAA0072, PSMD5, S5B



Immunohistochemical of paraffin-embedded human prostate cancer using 11469-1-AP(PSMD5 antibody) at dilution of 1:100 (under 10x lens)



mouse liver tissue were subjected to SDS PAGE followed by western blot with 11469-1-AP(PSMD5 Antibody) at dilution of 1:1000



IP Result of anti-PSMD5 (IP:11469-1-AP, 4ug; Detection:11469-1-AP 1:800) with mouse liver tissue lysate 4000ug.

Background

PSMD5, , also named as KIAA0072, belongs to the proteasome subunit S5B/HSM3 family. It acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly, it is part of an intermediate PSMD5:PSMC2:PSMC1:PSMD2 module which probably assembles with a PSMD10:PSMC4:PSMC5:PAAF1 module followed by dissociation of PSMD5. (PMID:15489334). This antibody is specific to PSMD5.

Applications

Tested applications:	**ELISA, IHC, IP, WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Caculated PSMD5 MW:	**504aa,56 kDa**
Observed PSMD5 MW:	**50 kDa**
Positive WB detected in	**Mouse liver tissue, human liver tissue, Jurkat cells**
Positive IP detected in	**Mouse liver tissue**
Positive IHC detected in	**Human prostate cancer tissue**
Recommended dilution:	**WB: 1:500-1:5000**
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag2026**
GenBank accession number:	**BC014478**
Gene ID (NCBI):	**5711**
Full name:	**Proteasome (prosome, macropain) 26S subunit, non-ATPase, 5**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**