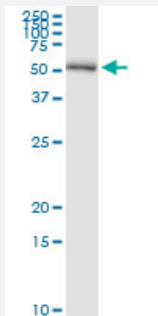


# PSMD5 (Human) IP-WB Antibody Pair

Catalog # H00005711-PW1

Size 1 Set

## Applications



Immunoprecipitation of PSMD5 transfected lysate using rabbit polyclonal anti-PSMD5 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-PSMD5.

## Specification

<b>Product Description</b>	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PSMD5 transfected lysate using rabbit polyclonal anti-PSMD5 and Protein A Magnetic Bead ( <a href="#">U0007</a> ), and immunoblotted with mouse purified polyclonal anti-PSMD5.
<b>Supplied Product</b>	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PSMD5 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PSMD5 (50 ug)
<b>Storage Instruction</b>	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

## Gene Info — PSMD5

**Entrez GeneID** [5711](#)

**Gene Name** PSMD5

**Gene Alias** KIAA0072, MGC23145, S5B

**Gene Description** proteasome (prosome, macropain) 26S subunit, non-ATPase, 5

**Omim ID** [604452](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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 base. [provided by RefSeq]

**Other Designations** 26S protease subunit S5 basic|26S proteasome non-ATPase regulatory subunit 5|26S proteasome subunit S5B|OTTHUMP00000021990|proteasome 26S non-ATPase subunit 5