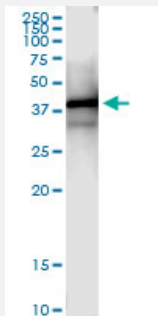


PSMD7 (Human) IP-WB Antibody Pair

Catalog # H00005713-PW1

Size 1 Set

Applications



Immunoprecipitation of PSMD7 transfected lysate using rabbit polyclonal anti-PSMD7 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse polyclonal anti-PSMD7.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PSMD7 transfected lysate using rabbit polyclonal anti-PSMD7 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse polyclonal anti-PSMD7.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PSMD7 (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-PSMD7 (50 ul)
Storage Instruction	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 — PSMD7

Entrez GeneID [5713](#)

Gene Name PSMD7

Gene Alias MOV34, P40, Rpn8, S12

Gene Description proteasome (prosome, macropain) 26S subunit, non-ATPase, 7

Omim ID [157970](#)

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. A pseudogene has been identified on chromosome 17. [provided by RefSeq]

Other Designations 26S proteasome non-ATPase regulatory subunit 7|26S proteasome regulatory subunit S12|Moloney leukemia virus-34 proviral integration|Mov34 homolog|proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 (Mov34 homolog)|proteasome 26S non-ATPase subunit

Pathway

- [Proteasome](#)

Disease

- [Genetic Predisposition to Disease](#)