

PSMD7 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2916a**Specification**

PSMD7 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P51665](#)**PSMD7 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 5713**Other Names**

26S proteasome non-ATPase regulatory subunit 7, 26S proteasome regulatory subunit RPN8, 26S proteasome regulatory subunit S12, Mov34 protein homolog, Proteasome subunit p40, PSMD7, MOV34L

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2916a](/products/AP2916a) was selected from the N-term region of human PSMD7. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PSMD7 Antibody (N-term) Blocking Peptide - Protein Information**Name** PSMD7**Synonyms** MOV34L**Function**

Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair.

PSMD7 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

PSMD7 Antibody (N-term) Blocking Peptide - Images**PSMD7 Antibody (N-term) Blocking Peptide - Background**

PSMD7 acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.

PSMD7 Antibody (N-term) Blocking Peptide - References

Dastani,Z., et.al., Eur. J. Hum. Genet. (2009) In press
Sanches,M., et.al., J. Mol. Biol. 370 (5), 846-855 (2007)