

PSMG2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9698b**Specification**

PSMG2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q969U7](#)**PSMG2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 56984**Other Names**

Proteasome assembly chaperone 2, PAC-2, Hepatocellular carcinoma-susceptibility protein 3, Tumor necrosis factor superfamily member 5-induced protein 1, PSMG2
{ECO:0000312|EMBL:AAH133561}

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.

PSMG2 Antibody (C-term) Blocking Peptide - Protein Information**Name** PSMG2 {ECO:0000312|EMBL:AAH13356.1}**Function**

Chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG1. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric alpha ring and prevents alpha ring dimerization.

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q9EST4}.

Tissue Location

Widely expressed with highest levels in lung, brain and colon. Moderately expressed in muscle, stomach, spleen and heart Weakly expressed in small intestine, pancreas and liver. Highly expressed in hepatocellular carcinomas with low levels in surrounding liver tissue.

PSMG2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PSMG2 Antibody (C-term) Blocking Peptide - Images

PSMG2 Antibody (C-term) Blocking Peptide - Background

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PSMG2 Antibody (C-term) Blocking Peptide - References

Cooper, J.D., et al. Nat. Genet. 40(12):1399-1401(2008)Barrett, J.C., et al. Nat. Genet. 40(8):955-962(2008)Miyagawa, H., et al. Rheumatology (Oxford) 47(2):158-164(2008)Parkes, M., et al. Nat. Genet. 39(7):830-832(2007)