

**Kallikrein 3 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP6322b****Specification****Kallikrein 3 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [P07288](#)**Kallikrein 3 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 354**Other Names**Prostate-specific antigen, PSA,  
Gamma-seminoprotein, Semin,   
Kallikrein-3, P-30 antigen, Semenogelase,  
KLK3, APS**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [<a href=/product/products/AP6322b>AP6322b</a>](#) was selected from the C-term region of human KLK3. 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.

**Kallikrein 3 Antibody (C-term) Blocking peptide - Protein Information****Name** KLK3**Kallikrein 3 Antibody (C-term) Blocking peptide - Background**

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. KLK3 is a protease present in seminal plasma. It is thought to function normally in the liquefaction of seminal coagulum, presumably by hydrolysis of the high molecular mass seminal vesicle protein. Serum level of this protein, called PSA in the clinical setting, is useful in the diagnosis and monitoring of prostatic carcinoma.

**Kallikrein 3 Antibody (C-term) Blocking peptide - References**

Binnie, M.C., et al., Prostate 63(4):309-315 (2005).Habib, F.K., et al., Int. J. Cancer 114(2):190-194 (2005).Laidler, P., et al., Arch. Biochem. Biophys. 435(1):1-14 (2005).Dallas, S.L., et al., J. Cell. Physiol. 202(2):361-370 (2005).Olsson, A.Y., et al., Genomics 84(1):147-156 (2004).

**Synonyms** APS**Function**

Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum.

**Cellular Location**

Secreted.

**Kallikrein 3 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)