

**KNG1 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11683a****Specification**

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**KNG1 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [P01042](#)**KNG1 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 3827**Other Names**

Kininogen-1, Alpha-2-thiol proteinase inhibitor, Fitzgerald factor, High molecular weight kininogen, HMWK, Williams-Fitzgerald-Flaujeac factor, Kininogen-1 heavy chain, T-kinin, Ile-Ser-Bradykinin, Bradykinin, Kallidin I, Lysyl-bradykinin, Kallidin II, Kininogen-1 light chain, Low molecular weight growth-promoting factor, KNG1, BDK, KNG

**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.

**KNG1 Antibody (N-term) Blocking peptide - Protein Information****Name** KNG1**Synonyms** BDK, KNG**Function**

Kininogens are inhibitors of thiol proteases. HMW-kininogen plays an important role in blood coagulation by helping to position optimally prekallikrein and factor XI next to factor XII; HMW-kininogen inhibits the thrombin- and plasmin-induced aggregation of thrombocytes. LMW-kininogen inhibits the aggregation of thrombocytes. LMW-kininogen is in contrast to HMW-kininogen not involved in blood clotting.

**Cellular Location**

Secreted, extracellular space.

**Tissue Location**

Secreted in plasma. T-kinin is detected in malignant ovarian, colon and breast carcinomas, but not in benign tumors.

**KNG1 Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**KNG1 Antibody (N-term) Blocking peptide - Images****KNG1 Antibody (N-term) Blocking peptide - Background**

Pyroglutamyl peptidase I (EC 3.4.19.3) catalyzes the hydrolysis of N-terminal pyroglutamyl residues from oligopeptides and proteins.

**KNG1 Antibody (N-term) Blocking peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press :Valdivia, A., et al. Regul. Pept. 122(2):79-84(2004)Minderman, H., et al. Clin. Cancer Res. 10(5):1826-1834(2004)Dando, P.M., et al. Protein Expr. Purif. 28(1):111-119(2003)Gil, J., et al. Neuropeptides 35 (5-6), 276-284 (2001) :