

**KLK12 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6331a****Specification**

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**KLK12 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q9UKR0](#)**KLK12 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 43849**Other Names**

Kallikrein-12, 3421-, Kallikrein-like protein 5, KLK-L5, KLK12, KLKL5

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody <a href="/product/products/AP6331a">AP6331a</a> was selected from the N-term region of human KLK12. 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.

**KLK12 Antibody (N-term) Blocking Peptide - Protein Information****Name** KLK12**Synonyms** KLKL5**Cellular Location**

Secreted.

**KLK12 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**KLK12 Antibody (N-term) Blocking Peptide - Images**

### **KLK12 Antibody (N-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. KLK12 is expressed in a variety of tissues including salivary gland, stomach, uterus, lung, thymus, prostate, colon, brain, breast, thyroid, and trachea. It has applications as a novel cancer biomarker.

### **KLK12 Antibody (N-term) Blocking Peptide - References**

Shinmura, K., et al., Hum. Mutat. 24(3):273-274 (2004). Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). Yousef, G.M., et al., Genomics 69(3):331-341 (2000). Harvey, T.J., et al., J. Biol. Chem. 275(48):37397-37406 (2000). Diamandis, E.P., et al., Trends Endocrinol. Metab. 11(2):54-60 (2000).