

KLK14 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14824a**Specification**

KLK14 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9P0G3](#)**KLK14 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 43847**Other Names**

Kallikrein-14, hK14, 3421-, Kallikrein-like protein 6, KLK-L6, KLK14, KLKL6

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.

KLK14 Antibody (N-term) Blocking Peptide - Protein Information**Name** KLK14**Synonyms** KLKL6**Function**

Serine-type endopeptidase with a dual trypsin-like and chymotrypsin-like substrate specificity. May activate/inactivate the proteinase-activated receptors F2R, F2RL1 and F2RL3 and other kallikreins including KLK1, KLK3, KLK5 and KLK11. May function in seminal clot liquefaction through direct cleavage of the semenogelin SEMG1 and SEMG2 and activation of KLK3. May function through desmoglein DSG1 cleavage in epidermal desquamation a process by which the most superficial corneocytes are shed from the skin surface. May be involved in several aspects of tumor progression including growth, invasion and angiogenesis.

Cellular Location

Secreted, extracellular space

Tissue Location

Highly expressed in CNS, bone marrow and fetal liver. Also expressed in breast, thyroid, kidney, colon, pancreas, spleen, prostate, uterus, small intestine, placenta and skeletal muscle. Among 40 tissues tested, the highest expression is detected in skin followed by breast and prostate (at protein level). Expressed in stratum corneum by sweat ducts and sweat glands and detected in

sweat (at protein level).

KLK14 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KLK14 Antibody (N-term) Blocking Peptide - Images

KLK14 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. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. An additional transcript variant has been described but its full length nature has not been determined.

KLK14 Antibody (N-term) Blocking Peptide - References

Klein, R.J., et al. Cancer Prev Res (Phila Pa) 3(5):611-619(2010) Hashem, N.N., et al. Int. J. Biol. Markers 25(1):32-37(2010) Emami, N., et al. Biol. Chem. 390(9):921-929(2009) Lai, J., et al. Mol. Cancer Res. 7(1):129-141(2009) Paliouras, M., et al. Mol Oncol 1(4):413-424(2008)