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Kallikrein 10 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP6329d

Specification

Kallikrein 10 Antibody (N-term) Blocking peptide - Product Information

Primary Accession O43240

Kallikrein 10 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 5655

Other Names
Kallikrein-10, 3421-, Normal epithelial cell-specific 1, Protease serine-like 1, KLK10, NES1, PRSSL1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6329d was selected from the N-term region of human KLK10. 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 10 Antibody (N-term) Blocking peptide - Protein Information

Name KLK10

Synonyms NES1, PRSSL1

Function
Has a tumor-suppressor role for NES1 in breast and prostate cancer.

Cellular Location
Secreted.

Tissue Location
Expressed in breast, ovary and prostate.

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Kallikrein 10 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

Kallikrein 10 Antibody (N-term) Blocking peptide - Images

Kallikrein 10 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. The gene for KLK10 is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers.

Kallikrein 10 Antibody (N-term) Blocking peptide - References

Diamandis, E.P., et al., Clin. Biochem. 37(3):230-237 (2004).Sauter, E.R., et al., Int. J. Cancer 108(4):588-591 (2004).Petraki, C.D., et al., Prostate Cancer Prostatic Dis. 6(3):223-227 (2003).Luo, L.Y., et al., Br. J. Cancer 86(11):1790-1796 (2002).Bharaj, B.B., et al., Prostate 51(1):35-41 (2002).