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Kallikrein 5 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP6324a

Specification

Kallikrein 5 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q9Y337

Kallikrein 5 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 25818

Other Names
Kallikrein-5, 3421-, Kallikrein-like protein 2, KLK-L2, Stratum corneum tryptic enzyme, KLK5, SCTE

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6324a was selected from the N-term region of human KLK5. 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 5 Antibody (N-term) Blocking peptide - Protein Information

Name KLK5 (HGNC:6366)

Function
May be involved in desquamation.

Cellular Location
Secreted.

Tissue Location
Expressed in skin, breast, brain and testis. Expressed at the stratum granulosum of palmar skin

Kallikrein 5 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

Kallikrein 5 Antibody (N-term) Blocking peptide - Images

Kallikrein 5 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. KLK5 expression is up-regulated by estrogens and progestins. The protein is secreted and may be involved in desquamation in the epidermis.

Kallikrein 5 Antibody (N-term) Blocking peptide - References

Planque, C., et al., Biochem. Biophys. Res. Commun. 329(4):1260-1266 (2005).Michael, I.P., et al., J. Biol. Chem. 280(15):14628-14635 (2005).Ishida-Yamamoto, A., et al., J. Invest. Dermatol. 124(2):360-366 (2005).Brattsand, M., et al., J. Invest. Dermatol. 124(1):198-203 (2005).Caubet, C., et al., J. Invest. Dermatol. 122(5):1235-1244 (2004).