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KLK10 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14557a

Specification

KLK10 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	O43240
Other Accession	NP_002767.2, NP_665895.1, NP_001070968.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**30170**
Antigen Region	**22-51**

KLK10 Antibody (N-term) - Additional Information

Gene ID 5655

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

Target/Specificity
This KLK10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 22-51 amino acids from the N-terminal region of human KLK10.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
KLK10 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KLK10 Antibody (N-term) - Protein Information

Name KLK10

Synonyms NES1, PRSSL1

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

Cellular Location
Secreted.

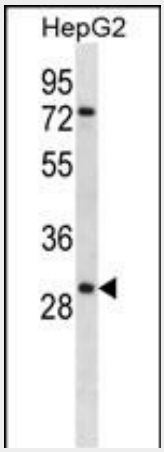
Tissue Location
Expressed in breast, ovary and prostate.

KLK10 Antibody (N-term) - Protocols

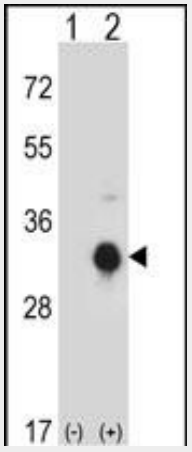
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KLK10 Antibody (N-term) - Images



KLK10 Antibody (N-term) (Cat. #AP14557a) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the KLK10 antibody detected the KLK10 protein (arrow).



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Western blot analysis of KLK10 (arrow) using rabbit polyclonal KLK10 Antibody (N-term) (Cat. #AP14557a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the KLK10 gene.

KLK10 Antibody (N-term) - 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. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein. [provided by RefSeq].

KLK10 Antibody (N-term) - References

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Papageorgis, P., et al. Cancer Res. 70(3):968-978(2010)
Lu, C.Y., et al. Genes Chromosomes Cancer 48(12):1057-1068(2009)
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