KLK3 antibody

Catalog No: #38346

Package Size: #38346-1 50ul   #38346-2 100ul

SAB®
Signalway Antibody

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

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Product Name	KLK3 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total KLK3 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	A synthetic peptide of human KLK3 (NP_001639.1).
Target Name	KLK3
Other Names	KLK3;APS;KLK2A1;PSA;hK3
Accession No.	Uniprot:P07288GeneID:354
SDS-PAGE MW	34KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

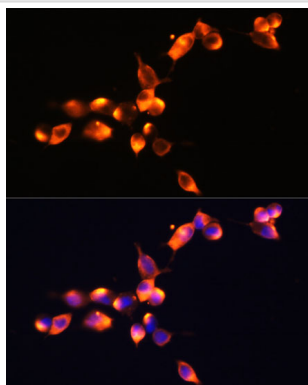WB   1:500 - 1:2000IHC   1:50 - 1:100IF   1:50 - 1:200

Images
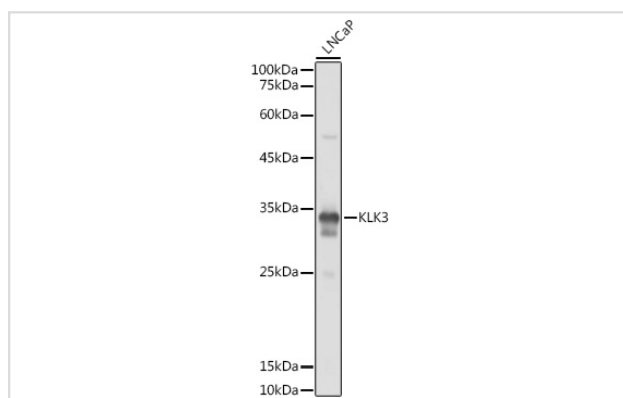
Western blot analysis of extracts of LNCaP cells, using KLK3 antibody.
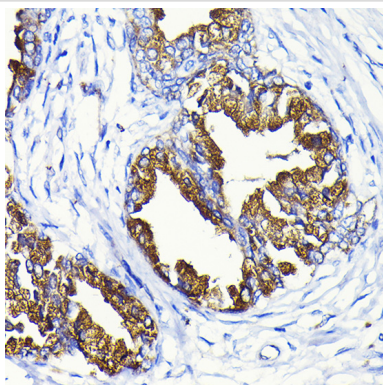
Immunohistochemistry of paraffin-embedded human prostate cancer using KLK3 Rabbit pAb.

Immunofluorescence analysis of LnCap cells using KLK3 Polyclonal Antibody.

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 protein product is a protease present in seminal plasma. It is thought to function normally in the liquefaction of seminal coagulum, presumably by hydrolysis of the high molecular mass seminal vesicle protein. Serum level of this protein, called PSA in the clinical setting, is useful in the diagnosis and monitoring of prostatic carcinoma. Alternate splicing of this gene generates several transcript variants encoding different isoforms.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.