



Anti-Prostate Specific Antigen/KLK3 Rabbit pAb

WL05122

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Prostate Specific Antigen/KLK3 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC,IF	1:50-1:200
Cellular localization	Secreted.	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Stimulating peptidase is a subclass of serine proteases with multiple physiological functions. Many pieces of evidence suggest that many kallikrein enzymes are associated with carcinogenesis, some of which may become biomarkers for novel cancers and other diseases. Stimulating peptidase associated peptidase 3, also known as PSA (prostate-specific antigen) in clinical practice, is a single chain glycoprotein, a protease synthesized in prostate epithelial cells, present in seminal plasma, and can be used for the diagnosis and monitoring of prostate cancer. It plays a role in the liquefaction process of seminal fluid, possibly through the hydrolysis of high molecular weight seminal vesicle proteins.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Prostate Specific Antigen/KLK3.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

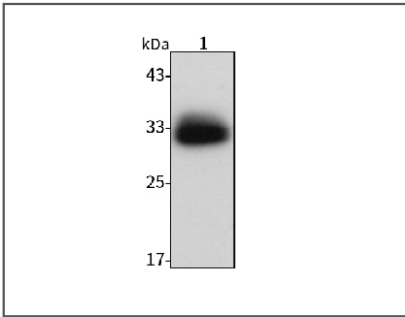


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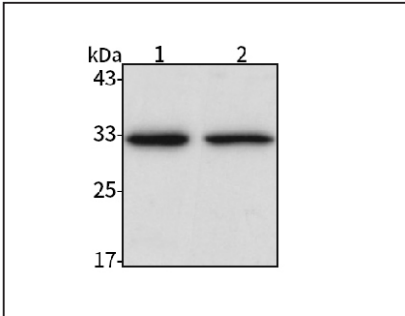
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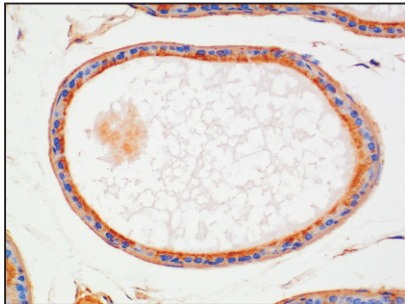
Product Images



Western blot-Anti-Prostate Specific Antigen/KLK3 pAb
Lane 1: Human LNCaP cell lysate
All lanes: Anti-Prostate Specific Antigen/KLK3 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane
Predicted band size: 29 kDa
Observed band size: 30-34 kDa



Western blot-Anti-Prostate Specific Antigen/KLK3 pAb
Lane 1: Mouse prostate tissue lysate
Lane 2: Rat prostate tissue lysate
All lanes: Anti-Prostate Specific Antigen/KLK3 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane
Predicted band size: 29 kDa
Observed band size: 30-34 kDa



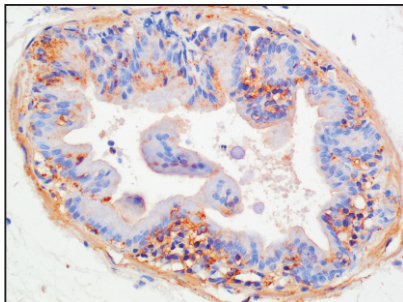
Immunohistochemistry-Anti-Prostate Specific Antigen/KLK3 pAb
Immunohistochemical analysis of paraffin-embedded mouse prostate using anti-Prostate Specific Antigen/KLK3 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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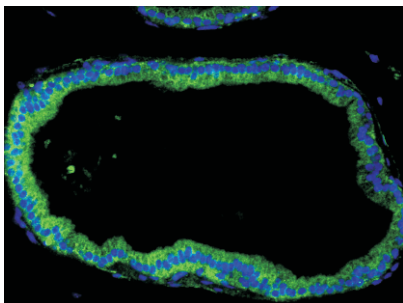
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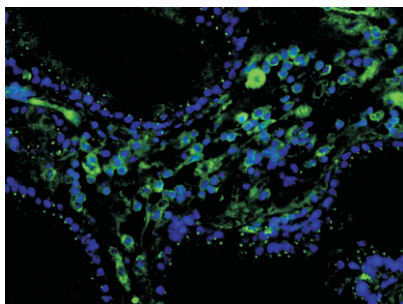
Immunohistochemistry-Anti-Prostate Specific Antigen/KLK3 pAb

Immunohistochemical analysis of paraffin-embedded rat prostate using anti-Prostate Specific Antigen/KLK3 Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Prostate Specific Antigen/KLK3 pAb

Immunofluorescence analysis of paraffin-embedded mouse prostate using anti-Prostate Specific Antigen/KLK3 Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Prostate Specific Antigen/KLK3 pAb

Immunofluorescence analysis of paraffin-embedded rat prostate using anti-Prostate Specific Antigen/KLK3 Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0