

Polyclonal Antibody to Kallikrein-3 / PSA / KLK3 - Purified

Alternate names:	Gamma-seminoprotein, P-30 antigen, Prostate-specific antigen, Semenogelase
Catalog No.:	AP15748PU-N
Quantity:	1 ml
Concentration:	0.1 mg/ml
Background:	PSA is a chymotrypsin-like serine protease (kallikrein family) exclusively produced by the prostate epithelium, and abundant in seminal fluid. PSA can be detected in the sera of patients with prostatic carcinoma. It is predominantly complexed to a liver-derived serine protease inhibitor, alpha-1-antichymotrypsin (ACT). A higher proportion of serum PSA is complexed to ACT in prostate cancer than in benign prostate hyperplasia.
Uniprot ID:	P07288
NCBI:	9606
GeneID:	354
Host:	Rabbit
Immunogen:	Purified Human PSA
Format:	State: Liquid purified IgG fraction Purification: Immunoaffinity Chromatography Buffer System: PBS, pH 7.6 with 1% BSA and 0.09% Sodium Azide
Applications:	Immunohistochemistry on Paraffin Sections: 1/200 for 10min at RT. (No special pretreatment required). <i>Positive Control:</i> Normal prostate or prostate carcinoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Prostate Specific Antigen (PSA). Cellular Localization: Cytoplasm.
Species Reactivity:	Tested: Human.
Add. Information:	Molecular Weight: 33-34 kDa
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.

Pictures:

Human prostate stained with Anti-PSA antibody (Cat#AP15748PU)

