

Prostate Specific Antigen Rabbit pAb

db20542

Package : 20µL 50µL 100µL

Product Name : Prostate Specific Antigen Rabbit pAb**Cat.No.:** db20542**Synonyms** : APS; PSA; hK3; KLK2A1**Application** : WB, IHC**Reactivity** : Human**Host species** : Rabbit**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. The gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. It encodes a single-chain glycoprotein, a protease which is synthesized in the epithelial cells of the prostate gland, and is 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. The 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. [provided by RefSeq, Dec 2019]

Immunogen

A synthetic peptide of human Prostate Specific Antigen

Gene ID

354

Swiss Prot

P07288

Synonyms

APS; PSA; hK3; KLK2A1

Reactivity

Human

Application

WB, IHC

Recommended dilution

WB: 1:2000-1:10000

IHC: 1:50

Calculated MW

29 kDa

Observed MW

29 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.