

Enogene

KLK3 Polyclonal Antibody

E92052

Catalog Number: E92052**Amount:** 100ul

Background: Kallikrein 3 (KLK3), also known as Prostate Specific Antigen (PSA), is a member of the glandular kallikrein subfamily of serine proteases (1). It is produced by prostate epithelial cells and is secreted into prostatic ducts. Upon cleavage of 7 N-terminal amino acids (2), it is activated to liquefy semen in the seminal coagulum. Although PSA/KLK3 is produced in healthy individuals, investigators have found abnormally high levels in the blood of men with advanced prostate cancer (3,4).

Species: Rabbit

Isotype: IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: APS; KLK2A1; PSA; hK3;

Immunogen: Recombinant protein of human KLK3

Purification: Affinity purification

Reactivity: H

Applications: WB IHC

Molecular Weight: 29kDa

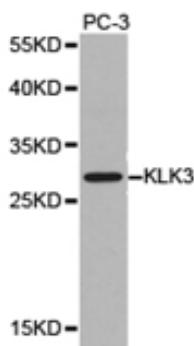
Swiss-Prot No.: P07288

Gene ID: 354

References: 1. Watt, K.W. et al. (1986) Proc Natl Acad Sci U S A 83, 3166-70. 2. Balk, S.P. et al. (2003) J Clin Oncol 21, 383-91. 3. Balk, S.P. et al. (2003) J Clin Oncol 21, 383-91. 4. Thompson, I.M. et al. (2004) N Engl J Med 350, 2239-46.

WB 1:500 - 1:2000

IHC 1:50- 1:200



Western blot analysis of extracts of PC-3 cell lines,
using KLK3 antibody.

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