

Product Datasheet

PSA/KLK3 Antibody

Catalog No: CY5775

Reactivity: Human

IsoType: Rabbit IgG

Applications: WB IHC



Information

UniProt ID: P07288

All Names: Prostate-specific antigen; PSA; Gamma-seminoprotein; Semin; Kallikrein-3; P-30 antigen; Semenogelase; KLK3; APS;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 34 kDa

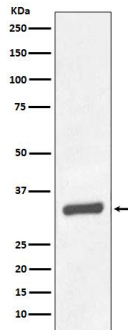
Application

WB 1:500~1:2000

IHC 1:50~1:200

Background

PSA/KLK3 is a member of the glandular kallikrein subfamily of serine proteases. Upon cleavage of 7 amino-terminal amino acids, 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.



Western blot analysis of PSA/KLK3 expression in Human prostate carcinoma tissue lysate.

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