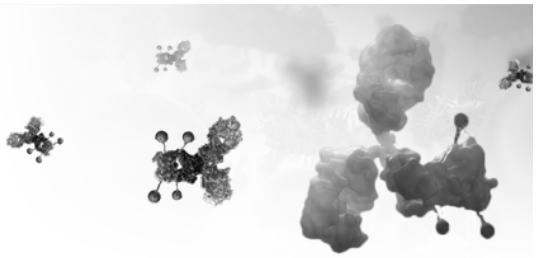

Rabbit Anti-Human KLK3 monoclonal antibody, clone TE18-56 (CABT-L773)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Prostate Specific Antigen
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TE18-56
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	34 kDa
Cellular Localization	Secreted.
Positive Control	PC-3M, mouse prostate tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Prostate specific antigen (PSA), also designated γ-seminoprotein, seminin, p30 antigen, semenogelase, and kallikrein 3 (KLK3), was first identified as a glycoprotein in human seminal plasma. PSA was determined by sequence similarity to be a member of the kallikrein subfamily of trypsin proteases. PSA is a serine protease that hydrolyzes the major human seminal protein, the seminal plasma mobility inhibitor precursor, or semenogelin I (SPMIP or SgI), which leads to semen liquification. PSA production and expression are highest in normal, benign hyperplastic and cancerous tissues of the prostate, although PSA has also been detected in accessory male sex glands and in breast cancer. PSA has been identified as an aid in the early detection of prostate cancer and is a commonly used tumor marker.
Keywords	antigen, prostate-specific;APS;Gamma seminoprotein;Gamma-seminoprotein;hK3;Kallikrein 3;Kallikrein related peptidase 3;Kallikrein-3;KLK 3;KLK2A1;Klk3;KLK3_HUMAN;P-30 antigen;P30 antigen;Prostate-specific antigen;Psa;Semenogelase;Seminin antibody

GENE INFORMATION

Entrez Gene ID	354
UniProt ID	P07288

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