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anti-Prostate Specific Antigen antibody (Internal Region)

2 Images

Overview

Target:

Alternative Name:



Go to Product page

OVEIVIEW	
Quantity:	100 μL
Target:	Prostate Specific Antigen (PSA)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Prostate Specific Antigen antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	A synthesized peptide derived from human KLK3, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	KLK3 Antibody detects endogenous levels of total KLK3.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	

Prostate Specific Antigen (PSA)

KLK3 (PSA Products)

Target Details

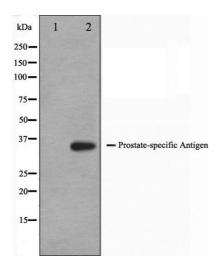
Background:	Description: Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal
	coagulum.
	Gene: KLK3
Molecular Weight:	34kDa
Gene ID:	354
UniProt:	P07288
Pathways:	Complement System

Application Details

Application Notes:	WB: 1:500-1:3000, IHC: 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

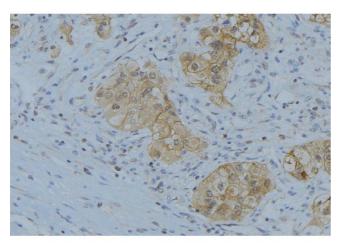
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis on mouse heart cell lysate using KLK3 Antibody, The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6266627 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary