

For Research Use Only

KLK3/PSA Recombinant antibody

Catalog Number: 84059-7-RR



Basic Information

Catalog Number: 84059-7-RR	GenBank Accession Number: NM_001648.2	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 354	CloneNo.: 241223E9
Source: Rabbit	UNIPROT ID: P07288-1	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: kallikrein-related peptidase 3	
	Calculated MW: 29 kDa	
	Observed MW: 30-34 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells,
Species Specificity: human	

Background Information

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. kallikrein-related peptidase 3, which is also called PSA (prostate-specific antigen) in the clinical setting, is useful in the diagnosis and monitoring of prostatic carcinoma. KLK3 has 5 isoforms produced by alternative splicing.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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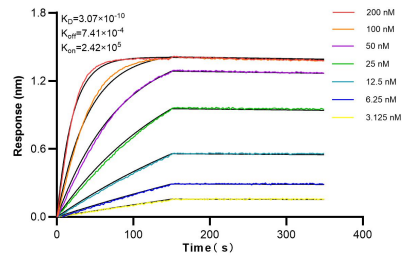
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Selected Validation Data



LNCaP cells were subjected to SDS PAGE followed by western blot with 84059-7-RR (KLK3/PSA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84059-7-RR against Human KLK3/PSA were performed. The affinity constant is 0.307 nM.