



Rabbit Anti-KLK2 antibody

SL5868R

Product Name:	KLK2
Chinese Name:	激肽释放酶2抗体
Alias:	Kallikrein 2; hK2; KLK2A 2; KLK2A2; Tissue kallikrein 2; Glandular kallikrein 2; hGK 1; hK2; Kallikrein 2 prostatic; KLK 2; KLK2A 2; KLK2A2; Tissue kallikrein 2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	29kDa
Cellular localization:	Extracellular matrix
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human KLK2:171-261/261
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Kallikreins (KLKs) are a subgroup of trypsin-like serine proteases and are implicated in carcinogenesis. Kallikrein 2 is most closely related to Kallikrein 3 (PSA), with 78% identity and with kallikrein 1, at 68% identity. Like Kallikrein 3, Kallikrein 2 is found in greatest abundance in the prostate, but at much lower levels than Kallikrein 3. In addition, Kallikrein 2 seems to be more labile than Kallikrein 1 or Kallikrein 3 and is often found in a cleaved form. Kallikrein 2 is inhibited by Protein C Inhibitor (PCI).

Similarity:

Belongs to the peptidase S1 family. Kallikrein subfamily. Contains 1 peptidase S1 domain.

SWISS:

P20151

Gene ID:

3817

Database links:

[Entrez Gene: 3817](#)Human

[Entrez Gene: 690645](#)Rat

[Omin: 147960](#)Human

[SwissProt: P20151](#)Human

[SwissProt: P00759](#)Rat

[Unigene: 515560](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Extracellular matrix 蛋白