SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-KLK2/AF647 Conjugated antibody

Catalog Number: SL5868R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-KLK2/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human KLK2
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat)
Background:	background: 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. **Database links:** **Entrez Gene:** 3817 Human **Entrez Gene:** 690645 Rat Omim: 147960 Human **SwissProt:** P20151 Human **SwissProt:** P00759 Rat

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

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