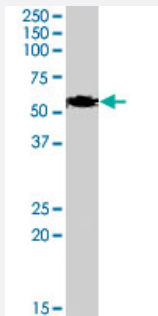


KLK1 polyclonal antibody

Catalog # PAB7225 Size 100 ug

Applications



Western Blot (Tissue lysate)

KLK1 polyclonal antibody (Cat # PAB7225) (0.5 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of KLK1.

Immunogen A synthetic peptide corresponding to human KLK1.

Sequence PNDECKKAHVQK

Host Goat

Theoretical MW (kDa) 28.9

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:2000)
 Western Blot (1-3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

KLK1 polyclonal antibody (Cat # PAB7225) (0.5 ug/mL) staining of human kidney lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — KLK1

Entrez GeneID	3816
Protein Accession#	NP_002248.1
Gene Name	KLK1
Gene Alias	KLKR, Klk6, hK1
Gene Description	kallikrein 1
Omim ID	147910
Gene Ontology	Hyperlink

Gene Summary	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. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. This protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq]
Other Designations	glandular kallikrein 1 kallikrein 1, renal/pancreas/salivary kallikrein serine protease 1 tissue kallikrein

Publication Reference

- [Kallikrein gene delivery improves serum glucose and lipid profiles and cardiac function in streptozotocin-induced diabetic rats.](#)

Montanari D, Yin H, Dobrzynski E, Agata J, Yoshida H, Chao J, Chao L.

Diabetes 2005 May; 54(5):1573.

Application: ELISA, Rat, Rat serum, urine

Disease

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- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Coronary Artery Disease](#)
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