

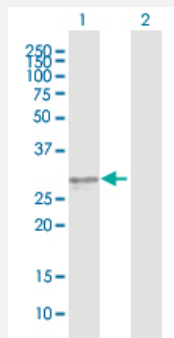
MaxPab®

KLK3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000354-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of KLK3 expression in transfected 293T cell line ([H00000354-T01](#)) by KLK3 MaxPab polyclonal antibody.

Lane 1: KLK3 transfected lysate(28.71 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KLK3 protein.
Immunogen	KLK3 (NP_001639.1, 1 a.a. ~ 261 a.a) full-length human protein.
Sequence	MWVPVVFLTSLVTWIGAAPLILSRVGGWECEKHSQPWQVLVASRGRAVCGGVLVHPQWVLTAA HCIRNKSVILLGRHSLFHPEDTGQVFQVSHSFPHPLYDMSLLKNRFLRPGDDSSHDLMMLRLSEP AELTDAVKVMDLPTQEPALGTTTCYASGWGSIEPEEFLTPKKLQCVDLHVISNDVCAQVHPQKVTK FMLCAGRWTGGKSTCSGDSGGPLVCNGVLQGITSWGSEPCALPERPSLYTKVVHYRKWIKDTV ANP
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — KLK3

Entrez GeneID [354](#)

GeneBank Accession# [NM_001648](#)

Protein Accession# [NP_001639.1](#)

Gene Name KLK3

Gene Alias APS, KLK2A1, PSA, hK3

Gene Description kallikrein-related peptidase 3

Omim ID [176820](#)

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. Its protein product is a protease present in seminal plasma. It is thought to function normally in the liquefaction of seminal coagulum, presumably by hydrolysis of the high molecular mass seminal vesicle protein. Serum level of this protein, called PSA in the clinical setting, is useful in the diagnosis and monitoring of prostatic carcinoma. Alternate splicing of this gene generates several transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations P-30 antigen|gamma-seminoprotein|kallikrein 3, (prostate specific antigen)|prostate specific antigen|semenogelase|seminin

Pathway

- [Pathways in cancer](#)

- [Prostate cancer](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)