

激肽释放酶 11 抗体

产品货号： mlR3799

英文名称： KLK11

中文名称： 激肽释放酶 11 抗体

别 名： Hippostasin; hK11; KLK 11; KLK-11; kallikrein 11; Kallikrein 11 isoform 1 preproprotein; Kallikrein 11 isoform 2 precursor; Kallikrein 11 precursor; kallikrein related peptidase 11; KLK 11; KLK11; Protease serine 20 trypsin like; Protease serine trypsin like; PRSS20; Serine protease 20; TLSP; Trypsin like protease; KLK11_HUMAN.

研究领域： 细胞生物 免疫学 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 25kDa

细胞定位： 细胞浆 分泌型蛋白

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human KLK11:201-282/282

亚 型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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

产品介绍： Kallikrein 11 has two alternative splicing isoforms, known as the brain type and prostate type. Elevated serum levels of hK11 have been found in 70% of women with ovarian cancer and in 60% of men with prostate cancer. Analysis of this biomarker in serum may aid in the diagnosis and monitoring of ovarian and prostatic carcinoma.

Function:

Possible multifunctional protease. Efficiently cleaves 'bz-Phe-Arg-4-methylcoumaryl-7-amide', a kallikrein substrate, and weakly cleaves other substrates for kallikrein and trypsin. Cleaves synthetic peptides after arginine but not lysine residues.

Subcellular Location:

Isoform 1: Secreted.

Isoform 2: Golgi apparatus.

Tissue Specificity:

Expressed in brain, skin and prostate. Isoform 1 is expressed preferentially in brain. Isoform 2 is expressed in prostate. Present in seminal plasma at concentrations ranging from 2 to 37 microg/mL (at protein level).

Post-translational modifications:

About 40% of KLK11 is inactivated by internal cleavage after Arg-188. This proteolytic inactivation may be effected by plasminogen.

Similarity:

Belongs to the peptidase S1 family. Kallikrein subfamily.

Contains 1 peptidase S1 domain.

SWISS:

Q9UBX7

Gene ID:

11012

Important Note:

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