

丝氨酸蛋白酶 10 抗体

产品货号： mlR6285

英文名称： PRSS10

中文名称： 丝氨酸蛋白酶 10 抗体

别名： Epitheliasin; PRSS10; Serine protease 10; TMPRSS2; TMPRSS2 ERG FUSION GENE, INCLUDED; TMPRSS2 ETV1 FUSION GENE, INCLUDED; TMPS2_HUMAN; Transmembrane protease serine 2 catalytic chain; Transmembrane protease, serine 2; Transmembrane protease, serine 2, EC 3.4.219; Transmembrane protease, serine 2, EC 3.4.219; D16Ert61e.

研究领域： 肿瘤 细胞生物 神经生物学 激酶和磷酸酶 肿瘤细胞生物标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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 : 28kDa

细胞定位 : 细胞膜 分泌型蛋白

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human PRSS10:301-400/492 <Extracellular>

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 background:

Extracellular proteases mediate the digestion of neighboring extracellular matrix components in initial tumor growth, allow desquamation of tumor cells into the surrounding environment, provide the basis for invasion of basement membranes in targeted metastatic organs and are required for release and activation of many growth and angiogenic factors (1,2). The TMPRSS2 gene encodes a 492 amino acid multimeric serine protease, which is mainly expressed in the mouse prostate and kidney, and is also expressed in the human small intestine, prostate, colon, stomach and salivary gland (3,4). TMPRSS2 contains several domains, including a serine protease domain of the S1 family, a scavenger receptor cysteine-rich domain of group A, an LDL receptor class A domain and a transmembrane domain (3). TMPRSS2 is expressed as a full length form and a cleaved protease domain (5) and its expression is increased by androgenic hormones. TMPRSS2 is also expressed in prostate carcinoma, suggesting that it may play a role in prostate carcinogenesis (6).

Function:

Expressed strongly in small intestine. Also expressed in prostate, colon, stomach and salivary gland.

Subcellular Location:

Cell membrane and Secreted. Activated by cleavage and secreted.

Tissue Specificity:

Expressed strongly in small intestine. Also expressed in prostate, colon, stomach and salivary gland.

Similarity:

Belongs to the peptidase S1 family.

Contains 1 LDL-receptor class A domain.

Contains 1 peptidase S1 domain.

Contains 1 SRCR domain.

SWISS:

O15393

Gene ID:

7113

Important Note:

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

产品图片：

