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PSMA Rabbit mAb

货号: AYM31152

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	9kDa/12kDa/50kDa/78kDa/80kDa/82kDa/84kDa
实测分子量	110kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	LNCaP,DU145,Mouse kidney,Rat kidney
细胞定位	Cell membrane,Cytoplasm,Single-pass type II membrane protein
纯化	Affinity purification

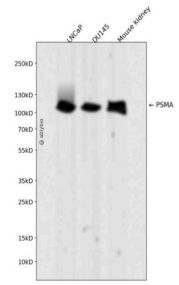
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human PSMA.

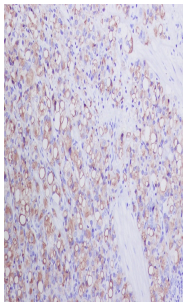
靶点信息

研究背景	This gene encodes a type II transmembrane glycoprotein belonging to the M28 peptidase family. The protein acts as a glutamate carboxypeptidase on different alternative substrates, including the nutrient folate and the neuropeptide N-acetyl-l-aspartyl-l-glutamate and is expressed in a number of tissues such as prostate, central and peripheral nervous system and kidney. A mutation in this gene may be associated with impaired intestinal absorption of dietary folates, resulting in low blood folate levels and consequent hyperhomocysteinemia. Expression of this protein in the brain may be involved in a number of pathological conditions associated with glutamate excitotoxicity. In the prostate the protein is up-regulated in cancerous cells and is used as an effective diagnostic and prognostic indicator of prostate cancer. This gene likely arose from a duplication event of a nearby chromosomal region. Alternative splicing gives rise to multiple transcript variants encoding several different isoforms. [provided by RefSeq, Jul 2010]
基因ID	2346
基因名	FOLH1
Swiss	Q04609 (https://www.uniprot.org/uniprotkb/Q04609/entry)
别名	PSMA,PSMA Rabbit mAb,FOLH1,Cell growth-inhibiting gene 27 protein,Folate hydrolase 1,Folylpoly-gamma-glutamate carboxypeptidase,Glutamate carboxypeptidase II,Membrane glutamate carboxypeptidase,N-acetylated-alpha-linked acidic dipeptidase I

产品验证



Western blot analysis of PSMA expressed in LNCaP,DU145,Mouse kidney using PSMA Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human prostate carcinoma, using PSMA Antibody.

实验步骤

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