

产品名称: PSCA Rabbit Polyclonal Antibody
产品货号: AP Rab16585



产品概述 (Summary)

产品名称 (Production Name)	PSCA Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PSCA
别名 (Alternative Names)	PSCA; Prostate stem cell antigen
基因 ID (Gene ID)	8000.0
蛋白 ID (SwissProt ID)	O43653.The antiserum was produced against synthesized peptide derived from human Prostate Stem Cell Antigen. AA range:41-90

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	29kDa

研究背景 (Background)

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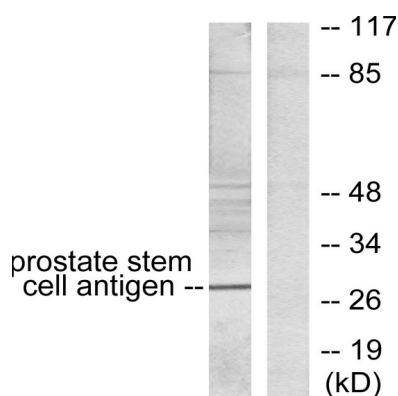


This gene encodes a glycosylphosphatidylinositol-anchored cell membrane glycoprotein. In addition to being highly expressed in the prostate it is also expressed in the bladder, placenta, colon, kidney, and stomach. This gene is up-regulated in a large proportion of prostate cancers and is also detected in cancers of the bladder and pancreas. This gene includes a polymorphism that results in an upstream start codon in some individuals; this polymorphism is thought to be associated with a risk for certain gastric and bladder cancers. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010],function:May be involved in the regulation of cell proliferation. Has a cell-proliferation inhibition activity in vitro.,induction:Down-regulated in gastric cancer cells.,polymorphism:Genetic variations in PSCA may influence susceptibility to diffuse-type gastric cancer.,similarity:Contains 1 UPAR/Ly6 domain.,tissue specificity:Highly expressed in prostate (basal, secretory and neuroendocrine epithelium cells). Also found in bladder (transitional epithelium), placenta (trophoblasts), stomach (neuroendocrine cells), colon (neuroendocrine cells) and kidney (collecting ducts). Overexpressed in prostate cancers and expression is correlated with tumor stage, grade and androgen-independence. Highly expressed in prostate cancer bone metastases. Expressed in gastric epithelial cells, mainly in the isthmus (at protein level). Not detected in normal intestinal epithelium (at protein level),,

研究领域 (Research Area)

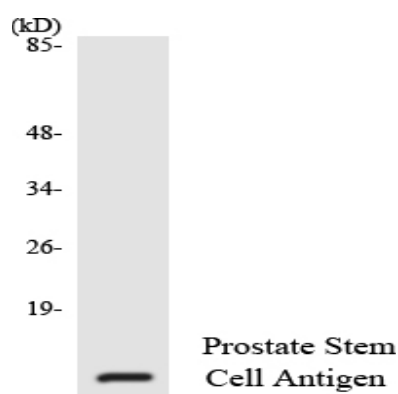
Tags & Cell Markers; Cell Type Markers; Tumor Associated; Stem Cells; Cancer Stem Cells; Intracellular

图片 (Image Data)

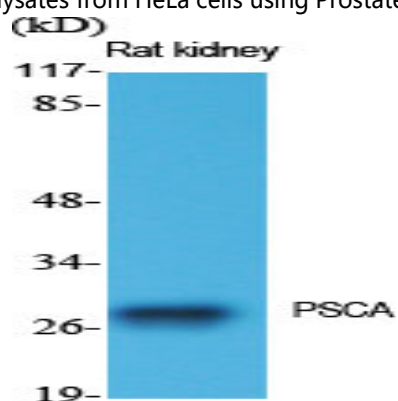


Western blot analysis of lysates from HepG2 cells, using Prostate Stem Cell Antigen Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HeLa cells using Prostate Stem Cell Antigen antibody.



Western Blot analysis of various cells using PSCA Polyclonal Antibody diluted at 1: 1000



Western Blot analysis of HepG2 cells using PSCA Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .