

前列腺跨膜上皮 2 抗原抗体

产品货号： mlR12824

英文名称： STEAP2

中文名称： 前列腺跨膜上皮 2 抗原抗体

别名： 4921538B17Rik; AI930049; IPCA 1; IPCA1; Metalloreductase STEAP2; PCANAP 1; PCANAP1; Prostate cancer associated protein 1; Prostate cancer-associated protein 1; Protein up regulated in metastatic prostate cancer; Protein upregulated in metastatic prostate cancer; PUMPCn; Six transmembrane epithelial antigen of prostate 2; Six transmembrane epithelial antigen of the prostate 2; Six-transmembrane epithelial antigen of prostate 2; SixTransMembrane protein of prostate 1; STAMP 1; STAMP1; STEA2_HUMAN; STEAP 2; STEAP family member 2, metalloreductase; Steap2; STMP; UNQ6507/PRO23203.

研究领域： 肿瘤 细胞生物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Sheep,

产品应用： 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： 56kDa

细胞定位： 细胞膜

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human STEAP2:101-200/490

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 : This gene is a member of the STEAP family and encodes a multi-pass membrane protein that localizes to the Golgi complex, the plasma membrane, and the vesicular tubular structures in the cytosol. A highly similar protein in mouse has both ferrioreductase and cupric reductase activity, and stimulates the cellular uptake of both iron and copper in vitro. Increased transcriptional expression of the human gene is associated with prostate cancer progression. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

Function:

Metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+). Uses NAD(+) as acceptor.

Subcellular Location:

Endosome membrane. Cell membrane.

Tissue Specificity:

Expressed at high levels in prostate and at significantly lower levels in heart, brain, kidney, pancreas, and ovary.

Similarity:

Belongs to the STEAP family.

Contains 1 ferric oxidoreductase domain.

SWISS:

Q8NFT2

Gene ID:

261729

Important Note:

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