

**Anti-Human/Mouse PSCA Polyclonal Antibody**  
**Polyclonal Antibody**

**Cat.NO.: PA05637**

---

3th Edition

**Description:**PSCA (Prostate Stem Cell antigen) is a cell surface antigen, which is overexpressed in ~40% of primary prostate cancers and in as many as 100% of metastatic ones. PSCA is also overexpressed in a majority of transitional cell and pancreatic carcinomas. Antibody directed against PSCA inhibits tumorigenesis, slows tumor growth, prolongs survival and prevents metastasis in a preclinical xenograft model indicating that PSCA may have utility as a prognostic marker and/or therapeutic target in prostate cancer.

**Antigen:**Synthesized peptide derived from the Internal region of human PSCA

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**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). Expressed in brain cortex; expression is significantly increased in the front cortex of Alzheimer disease patients.