

PSCA (aa27-40) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2861a

Specification

PSCA (aa27-40) Antibody (internal region) - Product Information

Application	E
Primary Accession	O43653
Other Accession	NP_005663.1 , 8000
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	11959

PSCA (aa27-40) Antibody (internal region) - Additional Information

Gene ID 8000

Other Names

Prostate stem cell antigen, PSCA

Dilution

E~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PSCA (aa27-40) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

PSCA (aa27-40) Antibody (internal region) - Protein Information

Name PSCA

Function

May be involved in the regulation of cell proliferation. Has a cell-proliferation inhibition activity in vitro.

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor

Tissue Location

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.

PSCA (aa27-40) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PSCA (aa27-40) Antibody (internal region) - Images

PSCA (aa27-40) Antibody (internal region) - References

Prostate stem cell antigen vaccination induces a long-term protective immune response against prostate cancer in the absence of autoimmunity. Garcia-Hernandez Mde L, Gray A, Hubby B, Klinger OJ, Kast WM. *Cancer Res.* 2008 Feb 1;68(3):861-9. PMID: 18245488