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PSCA Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51454

Specification

PSCA Antibody - Product Information

Application	**WB, E**
Primary Accession	O43653
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**29 KDa**

PSCA Antibody - Additional Information

Gene ID 8000

Other Names
Prostate stem cell antigen, PSCA

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

PSCA Antibody - 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.

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PSCA Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PSCA Antibody - Images

PSCA Antibody - Background

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PSCA Antibody - References

Reiter R.E.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:1735-1740(1998).
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Nusbaum C.,et al.Nature 439:331-335(2006).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
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