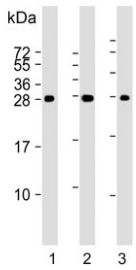
# PSCA Antibody (F54284)

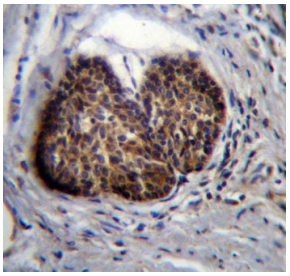
| Catalog No. | Formulation | Size |
|---|---|---|
| F54284-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54284-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity purified |
| **UniProt** | O43653 |
| **Applications** | Western Blot : 1:500-1:2000<br>Immunohistochemistry (FFPE) : 1:25 |
| **Limitations** | This PSCA antibody is available for research use only. |




Western blot testing of mouse 1) kidney, 2) stomach and 3) liver lysate with PSCA antibody. Expected molecular weight: 13-29 kDa depending on glycosylation level.



IHC testing of FFPE human prostate carcinoma tissue with PSCA antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

## Description

PSCA is 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. It is up-regulated in a large proportion of prostate cancers and is also detected in cancers of the bladder and pancreas.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the PSCA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 56-85 from the human protein were used as the immunogen for the PSCA antibody.

## Storage

Aliquot the PSCA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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