

Datasheet for ABIN3032351  
**anti-PSCA antibody (AA 21-95)**



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## Overview

Quantity:	100 µg
Target:	PSCA
Binding Specificity:	AA 21-95
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSCA antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Human partial recombinant protein (AA 21-95) was used as the immunogen for this PSCA antibody.
Isotype:	IgG
Purification:	Antigen affinity

## Target Details

Target:	PSCA
Alternative Name:	PSCA ( <a href="#">PSCA Products</a> )
Background:	Prostate stem cell antigen, also known as PSCA and PRO232, 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. This gene is up-regulated

Target Details

in a large proportion of prostate cancers and is also detected in cancers of the bladder and pancreas. This gene includes a polymorphism that results in an upstream start codon in some individuals, this polymorphism is thought to be associated with a risk for certain gastric and bladder cancers. Alternative splicing results in multiple transcript variants.

Gene ID: 8000

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the PSCA antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL

Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: After reconstitution, the PSCA antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

**Image 1.** Western blot testing of PSCA antibody and Lane 1: rat stomach; 2: mouse stomach; Predicted size: 13KD; Observed glycosylated size: up to 29KD



Western Blotting

**Image 2.** Western blot testing of PSCA antibody and Lane 1: rat stomach