

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

2 Images



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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 (PSCA Products)		
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: $0.5-1 \,\mu g/mL$

Restrictions:

For Research Use only

Handling

Buffer:

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

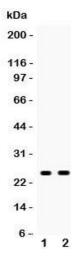
Storage:

-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