

Datasheet for ABIN6146289
anti-PSCA antibody (AA 12-114)



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1 Image

Overview

Quantity:	100 µL
Target:	PSCA
Binding Specificity:	AA 12-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSCA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 12-114 of human PSCA (NP_005663.2).
Sequence:	LLCYSCKAQV SNEDCLQVEN CTQLGECWWT ARIRAVGLLT VISKGCSLNC VDDSQDYVVG KKNITCCDTD LCNASGAHAL QPAAAILALL PALGLLLWGP GQL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PSCA
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Target Details

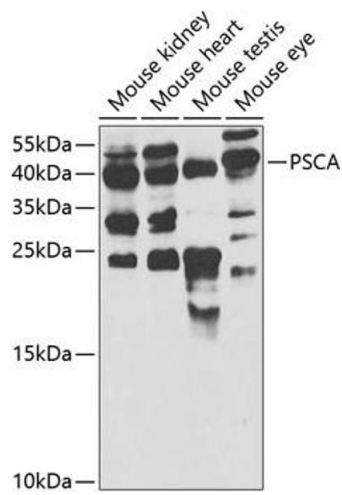
Alternative Name:	PSCA (PSCA Products)
Background:	<p>This gene encodes a glycosylphosphatidylinositol-anchored cell membrane glycoprotein. In addition to being highly expressed in the prostate it is also expressed in the bladder, placenta, colon, kidney, and stomach. This gene is up-regulated in a large 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.,PSCA,PRO232,Cancer,Stem Cells,Cancer Stem Cells,PSCA</p>
Molecular Weight:	12 kDa
Gene ID:	8000
UniProt:	043653

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PSCA antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021).