

For Research Use Only

PSCA Polyclonal antibody

Catalog Number: 17171-1-AP

2 Publications



Basic Information

Catalog Number:

17171-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10710

GenBank Accession Number:

BC023582

GeneID (NCBI):

8000

UNIPROT ID:

O43653

Full Name:

prostate stem cell antigen

Calculated MW:

123 aa, 13 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse kidney tissue, PC-3 cells, mouse skeletal muscle tissue

Background Information

Prostate stem cell antigen (PSCA) is a protein composed of 123 amino acid residues. PSCA belongs to the LY-6/Thy-1 family of cell surface antigens. It is highly expressed in normal prostate and further up-regulated in prostate cancer, as well as non-prostatic malignancies including gastric cancer. PSCA plays a critical role in cell adhesion, proliferation, and survival. The observed MW of PSCA is between 36 to 40 kDa in paper (PMID: 11309275).

Notable Publications

Author	Pubmed ID	Journal	Application
Chenxing Wang	38917176	PLoS One	WB
Yusuf Ali	38325289	Endocrinology	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

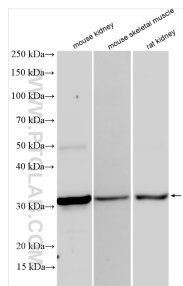
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17171-1-AP (PSCA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.