Datasheet for ABIN7254328
anti-PSCA antibody

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Overview

Quantity:	200 µL
Target:	PSCA
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSCA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human PSCA
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	PSCA
Alternative Name:	PSCA (PSCA Products)
Background:	PSCA (Prostate Stem Cell antigen) is a cell surface antigen, which is overexpressed in ~40 % of primary prostate cancers and in as many as 100 % of metastatic ones. PSCA is also overexpressed in a majority of transitional cell and pancreatic carcinomas. Antibody directed against PSCA inhibits tumorigenesis, slows tumor growth, prolongs survival and prevents

Target Details

	metastasis in a preclinical zenograft model indicating that PSCA may have utility as a prognostic marker and/or therapeutic target in prostate cancer.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 13 kDa
UniProt:	O43653

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:20-1:100, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

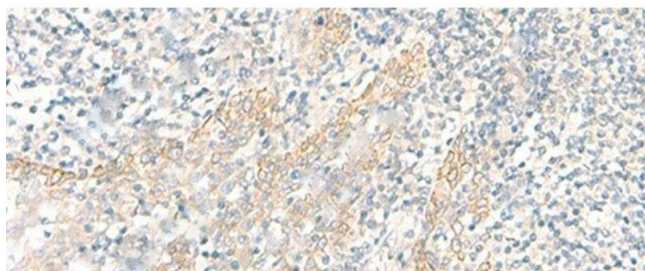|	
Format:	Liquid
Concentration:	0.78 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images

Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil tissue using PSCA Polyclonal Antibody at dilution of 1:25(x200)
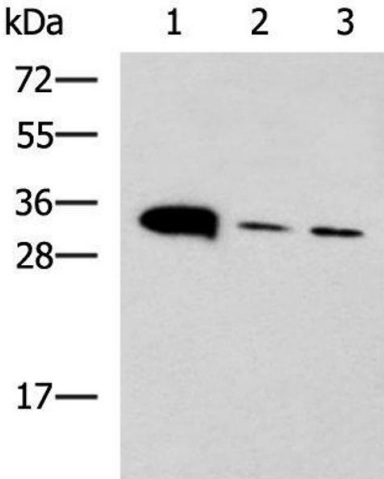
Images

Western Blotting

Image 2. Western blot analysis of Mouse heart tissue Mouse stomach tissue and PC-3 cell lysates using PSCA Polyclonal Antibody at dilution of 1:650