

Datasheet for ABIN7606077 **anti-PSMA antibody**

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Overview

Quantity:	100 µL
Target:	PSMA (FOLH1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PSMA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Purpose:	Anti-PSMA FOLH1 Rabbit Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human PSMA
Clone:	BBD-6
Isotype:	IgG
Characteristics:	Anti-PSMA FOLH1 Rabbit Monoclonal Antibody (ABIN7606077). Tested in WB, IHC, IP applications. This antibody reacts with Human.
Purification:	Affinity-chromatography

Target Details

Target:	PSMA (FOLH1)
Alternative Name:	FOLH1 (FOLH1 Products)

Target Details

Background:	Synonyms: Glutamate carboxypeptidase 2,3.4.17.21,Cell growth-inhibiting gene 27 protein,Folate hydrolase 1,Folylpoly-gamma-glutamate carboxypeptidase,FGCP,Glutamate carboxypeptidase II,GCPII,Membrane glutamate carboxypeptidase,mGCP,N-acetylated-alpha-linked acidic dipeptidase I,NAALADase I,Prostate-specific membrane antigen,PSM,PSMA,Pteroylpoly-gamma-glutamate carboxypeptidase,FOLH1,FOLH, NAALAD1, PSM, PSMA,GIG27, Tissue Specificity: Highly expressed in prostate epithelium. Detected in urinary bladder, kidney, testis, ovary, fallopian tube, breast, adrenal gland, liver, esophagus, stomach, small intestine, colon and brain (at protein level). Detected in the small intestine, brain, kidney, liver, spleen, colon, trachea, spinal cord and the capillary endothelium of a variety of tumors. Expressed specifically in jejunum brush border membranes. In the brain, highly expressed in the ventral striatum and brain stem. Also expressed in fetal liver and kidney. Isoform PSMA' is the most abundant form in normal prostate. Isoform PSMA-1 is the most abundant form in primary prostate tumors. Isoform PSMA-3 is also found in normal prostate as well as in brain and liver. Isoform PSMA-9 is specifically expressed in prostate cancer. .
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Molecular Weight:	34 kDa
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UniProt:	Q04609
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Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IP 1:50
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.