

Rabbit anti-Human PSMA Antibody | anti-PSMA antibody

PSMA Antibody

CATALOG # AAA300881	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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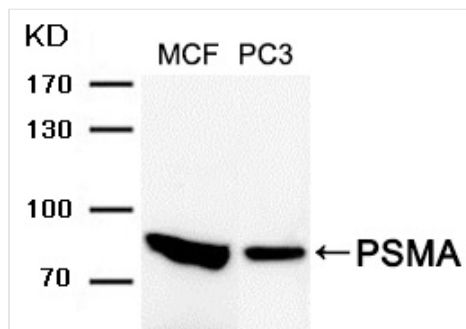
PRODUCT SYNONYMS

PSMA; PSMA Antibody; FGCP; Folate hydrolase 1; FOLH; FOLH1; GCP2; anti-PSMA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Specificity	The antibody detects endogenous level of total PSMA protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	719
Applicable Applications for anti-PSMA antibody	WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.738~750 (A-A-E-T-L) derived Human from PSMA.
SDS-PAGE MW	84 kD
Target Name	PSMA
Preparation and Storage	Store at -20°C

IMAGES


WB (Western Blot)

Western blot analysis of extracts from MCF and PC3 cells using PSMA Antibody .

ADDITIONAL INFORMATION

Related Product Information for anti-PSMA antibody	Has both folate hydrolase and N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity. Has a preference for tri-alpha-glutamate peptides. In the intestine, required for the uptake of folate. In the brain, modulates excitatory neurotransmission through the hydrolysis of the neuropeptide, N-acetylaspartylglutamate (NAAG), thereby releasing glutamate. Isoform PSM-4and isoform PSM-5would appear to be physiologically irrelevant. Involved in prostate tumor progression.
Product Categories/Family for anti-PSMA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	62548858
NCBI GeneID	2346
NCBI Accession #	NP_001014986.1
NCBI GenBank Nucleotide #	NM_001014986.1
UniProt Accession #	Q04609; O43748; Q16305; Q541A4; Q8TAY3; Q9NP15; A4UU12; A9CB79; B7Z312; B7Z343; D3DQS5; E9PDX8
Molecular Weight	50,090 Da
NCBI Official Full Name	glutamate carboxypeptidase 2 isoform 2
NCBI Official Synonym Full Names	folate hydrolase (prostate-specific membrane antigen) 1
NCBI Official Symbol	FOLH1
NCBI Official Synonym Symbols	PSM; FGCP; FOLH; GCP2; PSMA; mGCP; GCPII; NAALAD1; NAALADase
NCBI Protein Information	glutamate carboxypeptidase 2
UniProt Protein Name	Glutamate carboxypeptidase 2
UniProt Gene Name	FOLH1
UniProt Synonym Gene Names	FOLH; NAALAD1; PSM; PSMA; FGCP; GCPII; mGCP; NAALADase I; PSM; PSMA
UniProt Entry Name	FOLH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-antibody/psma/300881>