

PSMA recombinant antibody

PSMA Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315075	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PSMA; Monoclonal Recombinant Antibody; PSMA Rabbit mAb; PSMA recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	PSMA Antibody detects endogenous levels of total PSMA
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for PSMA recombinant antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PSMA
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human prostate carcinoma, using PSMA Antibody.


WB (Western Blot)

Western blot analysis of PSMA expression in LnCaP cell lysate.

ADDITIONAL INFORMATION

Related Product Information for PSMA recombinant antibody	PSMA 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-aceylaspartylglutamate (NAAG), thereby releasing glutamate. Isoform PSM-4 and isoform PSM-5 would appear to be physiologically irrelevant. Involved in prostate tumor progression. Also exhibits a dipeptidyl-peptidase IV type activity. In vitro, cleaves Gly-Pro-AMC.
Product Categories/Family for PSMA recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	548615
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NCBI GeneID	2346
UniProt Accession #	Q04609; O43748; Q16305; Q541A4; Q8TAY3; Q9NP15; A4UU12; A9CB79; B7Z312; B7Z343; D3DQS5; E9PDX8
Molecular Weight	84kDa
NCBI Official Full Name	Glutamate carboxypeptidase 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; NAALADase I; glutamate carboxylase II; glutamate carboxypeptidase II; membrane glutamate carboxypeptidase; cell growth-inhibiting gene 27 protein; folylpoly-gamma-glutamate carboxypeptidase; prostate specific membrane antigen
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/monoclonal/psma-recombinant-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/315075>