

Rabbit anti-Human PSMA/FOLH1 Monoclonal Antibody | anti-FOLH1 antibody

PSMA/FOLH1 Rabbit mAb

CATALOG # AAA282942	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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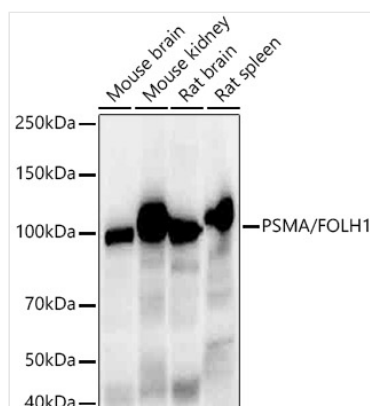
PRODUCT SYNONYMS

PSMA/FOLH1; Monoclonal Antibody; PSMA/FOLH1 Rabbit mAb; PSM; FGCP; FOLH; GCP2; PSMA; mGCP; GCPII; NAALAD1; anti-FOLH1 antibody

PRODUCT SPECIFICATIONS

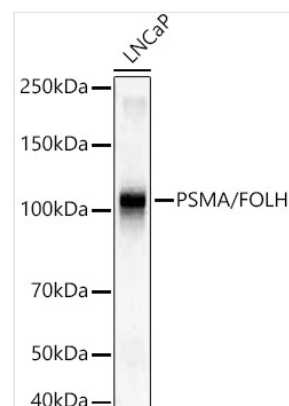
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	TNITPKHNMK AFLDELKAEN IKKFLYNFTQ IPHLAGTEQN FQLAKQIQSQ WKEFGLDSVE LAHYDVLLSY PNKTHPNYIS IINEDGNEIF NTSLFEPPPP G
Applicable Applications for anti-FOLH1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human PSMA/FOLH1 (NP_004467.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using PSMA/FOLH1 Rabbit mAb (AAA282942) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:200000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of lysates from LNCaP cells, using PSMA/FOLH1 Rabbit mAb (AAA282942) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:200000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-FOLH1 antibody	This gene encodes a type II transmembrane glycoprotein belonging to the M28 peptidase family. The protein acts as a glutamate carboxypeptidase on different alternative substrates, including the nutrient folate and the neuropeptide N-acetyl-L-aspartyl-L-glutamate and is expressed in a number of tissues such as prostate, central and peripheral nervous system and kidney. A mutation in this gene may be associated with impaired intestinal absorption of dietary folates, resulting in low blood folate levels and consequent hyperhomocysteinemia. Expression of this protein in the brain may be involved in a number of pathological conditions associated with glutamate excitotoxicity. In the prostate the protein is up-regulated in cancerous cells and is used as an effective test and prognostic indicator of prostate cancer. This gene likely arose from a duplication event of a nearby chromosomal region. Alternative splicing gives rise to multiple transcript variants encoding several different isoforms.
Product Categories/Family for anti-FOLH1 antibody	Cancer; Tumor biomarkers; Signal Transduction; Endocrine Metabolism; Amino acid metabolism; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	548615
NCBI GeneID	2346
UniProt Accession #	Q04609; O43748; Q16305; Q541A4; Q8TAY3; Q9NP15; A4UU12; A9CB79; B7Z312; B7Z343; D3DQS5; E9PDX8
Molecular Weight	Calculated MW: 84kDa Observed MW: 100kDa
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-folh1-antibody-western-blot-elisa/282942>