



Rabbit Anti-FOLH1B antibody

SL6535R

Product Name:	FOLH1B
Chinese Name:	细胞生长抑制蛋白26/前列腺特异性膜抗原样蛋白抗体
Alias:	PSMAL; Cell growth inhibiting gene 26 protein; Folate hydrolase 1B; Folate hydrolase 2; Folate hydrolase pseudogene; FOLH2; FOLHP; GCP3; GCPIII; glutamate carboxypeptidase III; N acetylated alpha linked acidic dipeptidase; NAALADase; Prostate specific membrane antigen like protein; PSM; PSMA like; Putative folate hydrolase 1B; Putative N acetylated alpha linked acidic dipeptidase; FOH1B HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	50kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FOLH1B:175-270/442
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Prostate cancer is the most frequently diagnosed cancer and the early detection of prostate cancer dramatically and efficiently reduces the observed mortality rate. Several proteins have been identified as specific markers of prostate cancer, and they may be

useful as diagnostic indicators. PSA, prostate specific antigen, is the classical indicator for transformed prostate tissue; however, in addition to being upregulated in prostate cancer, PSA is also upregulated in non-malignant conditions, such as benign prostatic hyperplasia prostate. Conversely, STEAP (six-transmembrane epithelial antigen of the prostate), prostate carcinoma tumor antigen (PCTA-1) and prostate-specific membrane antigen (PSM) represent additional prostate-specific antigens that are overexpressed only in malignant tumors and therefore are more specific identifiers of malignancies. PSM is an integral membrane protein, and PCTA-1 is related to the galectin gene family, which mediate both cell-cell and cell-matrix interactions in a manner similar to the selectin subgroup of C-type lectins. STEAP is a serpentine transmembrane cell-surface tumor-antigen that is predicted to function as a channel or transporter protein. In addition to prostate cancers, STEAP is also upregulated in bladder, colon and ovarian cancers.

Function:

Has both folate hydrolase and N-acetylated-alpha-linked-acidic dipeptidase (NAALADase) activity.

Exhibits a dipeptidyl-peptidase IV type activity.

Subcellular Location:

Cytoplasm

Tissue Specificity:

Kidney and liver. Not expressed in the prostate.

Similarity:

Belongs to the peptidase M28 family. M28B subfamily.

SWISS:

Q9HBA9

Gene ID:

219595

Database links:

[Entrez Gene: 219595](#) Human

[Omim: 609020](#) Human

[SwissProt: Q9HBA9](#) Human

[Unigene: 645352](#) Human

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
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