

Rabbit anti-Human Glutamate carboxypeptidase 2 Polyclonal Antibody | anti-FOLH1 antibody

Glutamate carboxypeptidase 2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA309045	Rabbit	Human	Immunohistochemistry, Western Blot

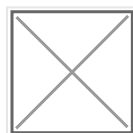
PRODUCT SYNONYMS

Glutamate carboxypeptidase 2; Polyclonal Antibody; Glutamate carboxypeptidase 2 Polyclonal Antibody; GIG27; FOLH; NAALAD1; PSM; PSMA; FOLH1; 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; anti-FOLH1 antibody

PRODUCT SPECIFICATIONS

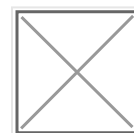
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total Glutamate carboxypeptidase 2 polyclonal antibody.
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	719
Applicable Applications for anti-FOLH1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human Glutamate carboxypeptidase 2 protein
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma using at dilution of 1:100.



WB (Western Blot)

All lanes: Glutamate carboxypeptidase 2 antibody at 2ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-FOLH1 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-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 anti-FOLH1 antibody	Total protein Ab
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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.