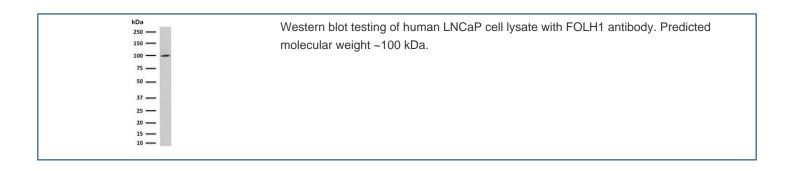


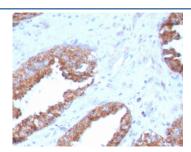
# FOLH1 Antibody / PSMA [clone GCP2-1] (V7639)

Catalog No.	Formulation	Size
V7639-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7639-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7639SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	GCP2-1
Purity	Protein G affinity chromatography
UniProt	Q04609
Localization	Cytoplasmic, cell surface
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This FOLH1 antibody is available for research use only.





IHC testing of FFPE human prostate carcinoma with FOLH1 antibody. Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

### **Description**

Folate hydrolase 1 (FOLH1), also known as Prostate-specific membrane antigen (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. Involved in prostate tumor progression. [UniProt]

### **Application Notes**

The stated application concentrations are suggested starting points. Titration of the FOLH1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

A portion of amino acids 232-433 from the human protein was used as the immunogen for this FOLH1 antibody.

#### **Storage**

Store the FOLH1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).