

Product Datasheet

PSMA Antibody

Catalog No: CY5192

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC IP



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Information

UniProt ID: Q04609

All Names: FGCP;FOLH 1;GCP 2;GCPII;mGCP;NAALADase I;PSM;PSMA

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 110 kDa

Application

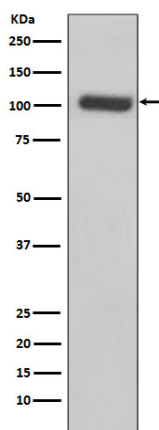
WB: 1:500~1:2000

IHC: 1:50~1:200

IP: 1:50

Background

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.



Western blot analysis of PSMA expression in LnCaP cell lysate.

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