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| Swiss-Prot No.: | Q04609 |
| Storage/Stability: | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Immunogen: | A synthesized peptide derived from human PSMA |
| Purification: | Affinity Chromatography |
| Reactivity: | Human |
| Other Names: | FGCP;FOLH 1;GCP 2;GCPII;mGCP;NAALADase I;PSM;PSMA |
| 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-acetylaspartylglutamate (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. |
| Cellular localization: | Cell membrane, Cytoplasm, Membrane |
| Source: | Rabbit |
| Antibody type: | Polyclonal antibody |

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| Isotype: | Rabbit IgG |
| Molecular Weight: | 110kDa |
| Preservative: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Recommended Dilutions: | WB 1:500~1:2000 IHC 1:50~1:200 IP 1:50 |