

**Anti-FOLH1 / PSMA Reference Antibody (rosopatamab)  
Recombinant Antibody  
Catalog # APR10152**

**Specification**

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**Anti-FOLH1 / PSMA Reference Antibody (rosopatamab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">Q04609</a>
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	144.36 KDa

**Anti-FOLH1 / PSMA Reference Antibody (rosopatamab) - Additional Information**

**Target/Specificity**  
FOLH1 / PSMA

**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.

**Conjugation**  
Unconjugated

**Expression system**  
CHO Cell

**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

**Anti-FOLH1 / PSMA Reference Antibody (rosopatamab) - Protein Information**

**Name** FOLH1 ([HGNC:3788](#))

**Synonyms** FOLH, NAALAD1, PSM, PSMA

**Function**  
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.

**Cellular Location**  
Cell membrane; Single-pass type II membrane protein

**Tissue Location**  
Highly expressed in prostate epithelium. Detected in urinary bladder, kidney, testis, ovary,

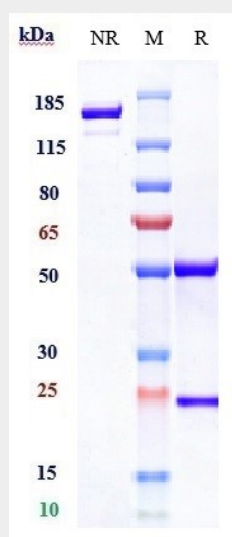
fallopian tube, breast, adrenal gland, liver, esophagus, stomach, small intestine, colon and brain (at protein level). Detected in the small intestine, brain, kidney, liver, spleen, colon, trachea, spinal cord and the capillary endothelium of a variety of tumors. Expressed specifically in jejunum brush border membranes. In the brain, highly expressed in the ventral striatum and brain stem. Also expressed in fetal liver and kidney Isoform PSMA' is the most abundant form in normal prostate. Isoform PSMA-1 is the most abundant form in primary prostate tumors. Isoform PSMA-9 is specifically expressed in prostate cancer

### Anti-FOLH1 / PSMA Reference Antibody (rosopatamab) - Protocols

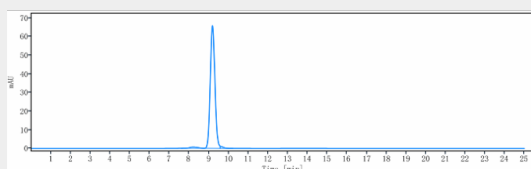
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

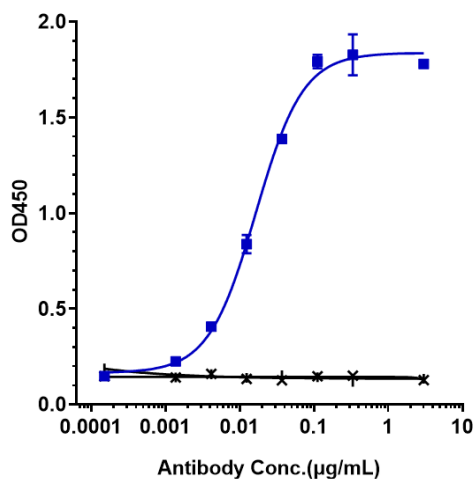
### Anti-FOLH1 / PSMA Reference Antibody (rosopatamab) - Images



Anti-FOLH1 / PSMA Reference Antibody (rosopatamab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-FOLH1 / PSMA Reference Antibody (rosopatamab) is more than 97.15%, determined by SEC-HPLC.



Immobilized human FOLH1/PSMA-FC Tag at 2 µg/mL can bind Anti-FOLH1 / PSMA Reference Antibody (rosopatamab)  $EC_{50}=0.01643$  µg/mL