

**PSTK antibody - middle region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI13516****Specification**

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**PSTK antibody - middle region - Product Information**

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Application       | WB                                                     |
| Primary Accession | <a href="#">Q8IV42</a>                                 |
| Other Accession   | <a href="#">NM_153336</a> , <a href="#">NP_699167</a>  |
| Reactivity        | Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog |
| Predicted         | Human, Mouse, Chicken, Horse, Bovine, Guinea Pig, Dog  |
| Host              | Rabbit                                                 |
| Clonality         | Polyclonal                                             |
| Calculated MW     | 39kDa kDa                                              |

**PSTK antibody - middle region - Additional Information****Gene ID** 118672**Alias Symbol** C10orf89, MGC35392**Other Names**

L-seryl-tRNA(Sec) kinase, 2.7.1.164, O-phosphoseryl-tRNA(Sec) kinase, PSTK, C10orf89

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-PSTK antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

PSTK antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**PSTK antibody - middle region - Protein Information****Name** PSTK**Synonyms** C10orf89**Function**

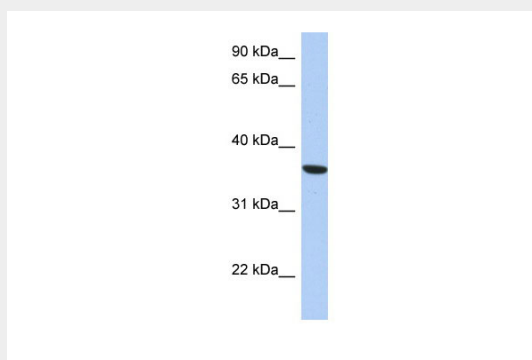
Specifically phosphorylates seryl-tRNA(Sec) to O- phosphoseryl-tRNA(Sec), an activated intermediate for selenocysteine biosynthesis.

## **PSTK antibody - middle region - 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](#)

## **PSTK antibody - middle region - Images**



WB Suggested Anti-PSTK Antibody Titration: 0.2-1  $\mu$ g/ml

ELISA Titer: 1:12500

Positive Control: THP-1 cell lysate

## **PSTK antibody - middle region - References**

Ota T., et al. Nat. Genet. 36:40-45(2004).  
Van Damme P., et al. Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).