

PSTK antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13516

Product Information

Application	WB
Primary Accession	Q8IV42
Other Accession	NM_153336 , NP_699167
Reactivity	Human, Mouse, Rat, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39527

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.

Protein Information

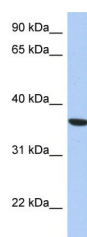
Name	PSTK
Synonyms	C10orf89
Function	Specifically phosphorylates seryl-tRNA(Sec) to O- phosphoseryl-tRNA(Sec), an activated intermediate for selenocysteine biosynthesis. No activity with other tRNAs has been detected.

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).

Images



WB Suggested Anti-PSTK Antibody Titration: 0.2-1 μ g/ml

ELISA Titer: 1:12500

Positive Control: THP-1 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.