

PSTK Rabbit pAb

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Catalog # AP58196

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8IV42
Reactivity	Rat
Predicted	Pig, Human, Mouse, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39527
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PSTK
Epitope Specificity	161-260/348
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Specifically phosphorylates seryl-tRNA(Sec) to O-phosphoseryl-tRNA(Sec), an activated intermediate for selenocysteine biosynthesis.

Additional Information

Gene ID	118672
Other Names	L-seryl-tRNA(Sec) kinase, 2.7.1.164, O-phosphoseryl-tRNA(Sec) kinase, PSTK, C10orf89
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

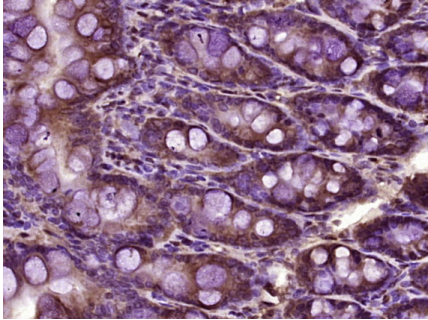
Name	PSTK
Synonyms	C10orf89
Function	Specifically phosphorylates seryl-tRNA(Sec) to O- phosphoseryl-tRNA(Sec), an activated intermediate for selenocysteine biosynthesis. No activity with other

tRNAs has been detected.

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Images



Paraformaldehyde-fixed, paraffin embedded (rat colon tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PSTK) Polyclonal Antibody, Unconjugated (AP58196) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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