



Rabbit Anti-CKI gamma 3 antibody

SL9080R

Product Name:	CKI gamma 3
Chinese Name:	酪蛋白激酶1 γ 3/CKI γ 3抗体
Alias:	CKI gamma 3; casein kinase 1 gamma 3; Casein kinase I isoform gamma 3; Casein kinase I isoform gamma-3; CKI-gamma 3; Csnk1g3; KC1G3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	51kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CKI gamma 3:151-250/447
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Function: Serine/threonine-protein kinase. Casein kinases are operationally defined by their

preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Regulates fast synaptic transmission mediated by glutamate (By similarity).

Subunit:

Monomer.

Subcellular Location:

Cytoplasm

Post-translational modifications:

Autophosphorylated.

Similarity:

Belongs to the protein kinase superfamily. CK1 Ser/Thr protein kinase family. Casein kinase I subfamily.

Contains 1 protein kinase domain.

SWISS:

Q9Y6M4

Gene ID:

1456

Database links:

[Entrez Gene: 1456](#)Human

[Entrez Gene: 64823](#)Rat

[Omim: 604253](#)Human

[SwissProt: Q9Y6M4](#)Human

[SwissProt: Q62763](#)Rat

[Unigene: 129206](#)Human

[Unigene: 10084](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.