



Rabbit Anti-phospho-CSNK1G 1+2+3 (Tyr263) antibody

SL12426R

Product Name:	phospho-CSNK1G 1+2+3 (Tyr263)
Chinese Name:	磷酸化酪蛋白激酶1 γ 1+ γ 2+ γ 3抗体
Alias:	Casein kinase I isoforms gamma 1+2+3 (phospho Y263); p-CK1g2(phospho Y263); p-CSNK1G1(phospho Y263); p-CSNK1G2(phospho Y263); p-CSNK1G3(phospho Y263); Casein kinase 1 gamma 2; Casein kinase I isoform gamma 1; Casein kinase I isoform gamma 3; Casein kinase I isoform gamma-2; CK1g2; CKI gamma 1; CKI gamma 2; CKI gamma 3; CSNK1G1; CSNK1G2; CSNK1G3; KC1G1 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	49kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human Casein kinase I isoforms gamma 1+2+3 around the phosphorylation site of Tyr263:ER(p-Y)QK
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](#)

Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. They 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). Phosphorylates CLSPN.

Subunit:

Monomer.

Subcellular Location:

Cytoplasm.

Post-translational modifications:

Autophosphorylated (By similarity).

Similarity:

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

Product Detail:

Contains 1 protein kinase domain.

SWISS:

Q9HCP0

Gene ID:

53944

Database links:

[Entrez Gene: 53944](#)Human

[Entrez Gene: 214897](#)Mouse

[Omim: 606274](#)Human

[SwissProt: Q9HCP0](#)Human

[SwissProt: Q8BTH8](#)Mouse

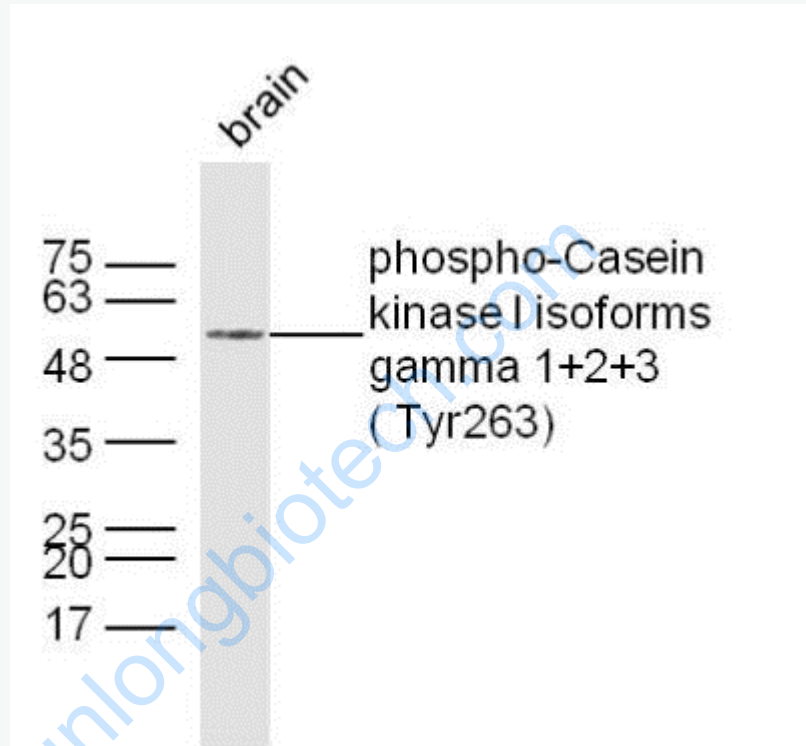
[Unigene: 646508](#)Human

[Unigene: 325816](#)Mouse

Important Note:

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

Picture:



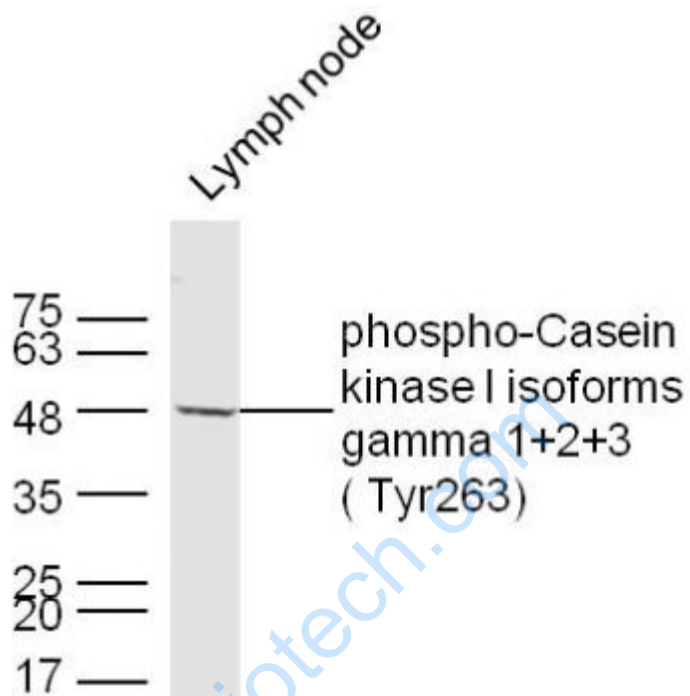
Sample: Brain (Mouse) Lysate at 40 ug

Primary: Anti-phospho-CSNK1G 1+2+3 (Tyr263) (SL12426R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 49 kD

Observed band size: 49 kD



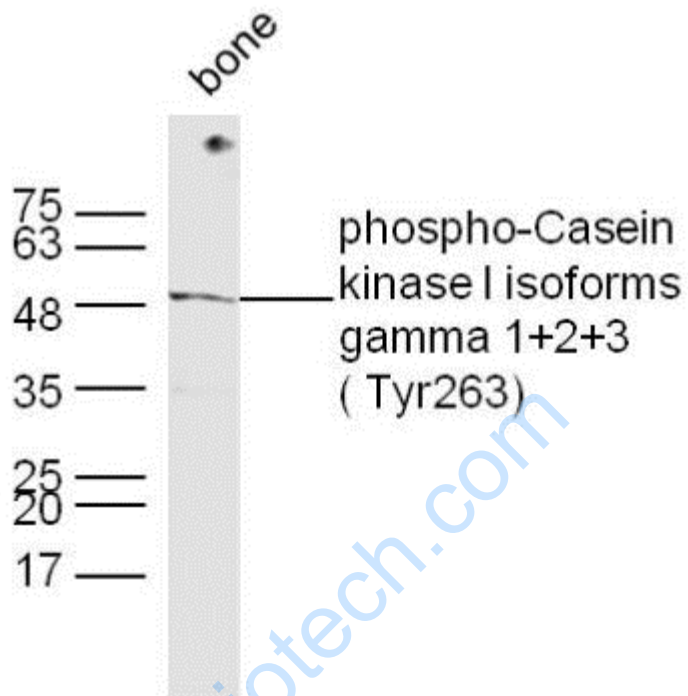
Sample: Lymph node (Mouse) Lysate at 40 ug

Primary: Anti-phospho-CSNK1G 1+2+3 (Tyr263) (SL12426R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

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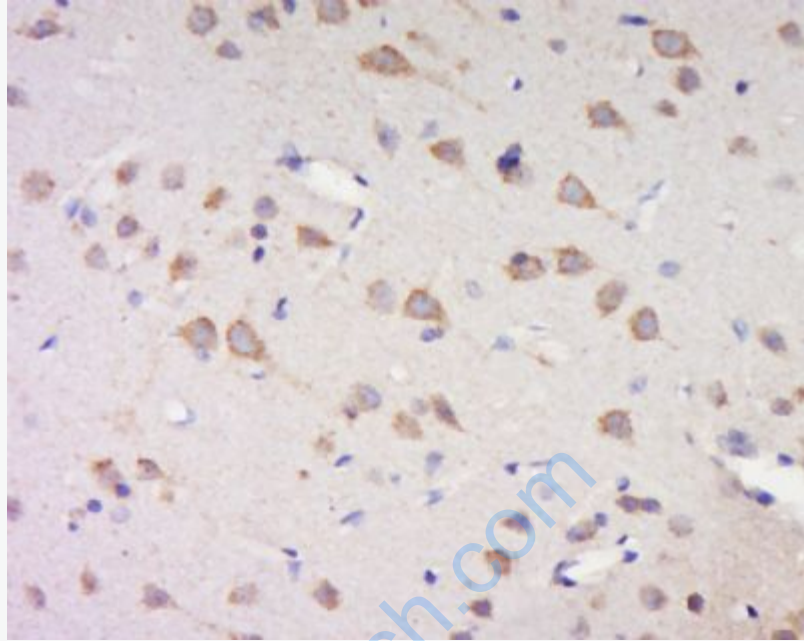
Sample: Bone (Mouse) Lysate at 40 ug

Primary: Anti-phospho-CSNK1G 1+2+3 (Tyr263) (SL12426R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

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Paraformaldehyde-fixed, paraffin embedded (rat brain 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 (CSNK1G 1+2+3 (Tyr263)) Polyclonal Antibody, Unconjugated (SL12426R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.