

Rabbit Anti-Phospho-Serine/Threonine antibody

SL11994R

Product Name Phospho-Serine/Threonine

Chinese Name 磷酸化丝氨酸/苏氨酸抗体

Alias Phosphoserine/threonine; phospho-Ser/Phospho-Thr; pan phospho-Ser/Phospho-Thr; pan-phospho-Ser/Phospho-Thr; pS/pT; p-S/p-T; pSER/pThr; p-SER/p-Thr; p-Sp-T; pan pS/pT; pan p-S/p-T; pan pSER/pThr; pan p-SER/p-Thr; pan p-Sp-T.. 泛磷酸化丝氨酸/苏氨酸抗体; 丝氨酸/苏氨酸泛磷酸化; pan 磷酸化丝氨酸/苏氨酸; pan-磷酸化丝氨酸/苏氨酸; 泛丝氨酸磷酸化; 泛苏氨酸磷酸化; 泛丝氨酸/苏氨酸磷酸化;

Product Type Phosphorylated anti

Research Area Tumour Cell biology Neurobiology Signal transduction Kinases and Phosphatases

Immunogen Species Rabbit

Clonality Polyclonal

React Species Species independent

Applications IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
(Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Cellular localization cytoplasmic

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthesised phosphopeptide contain Phosphoserine and Phosphothreonine: (p-S)(p-T)-NH₂

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution Species independent 1M TBS(pH7.4) with 1% BSA, Species independent 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention

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

PubMed

[PubMed](#)

**Product
Detail**

A hallmark of signal transduction pathways is the reversible phosphorylation of serine and threonine residues within specific sequences, or motifs, in target proteins. Specific signaling motifs include not only sequences that are recognized by protein kinases, but also those that are recognized by phosphorylation-dependent binding proteins like 14-3-3. These modular phosphoprotein interacting domains are critical elements in modulating, directing and amplifying intracellular communications. Many critical protein kinases can be regulated by phosphorylation at a specific serine or threonine surrounded by phenylalanine or tyrosine. For example, Akt, an important kinase that regulates cell survival, is activated by phosphorylation at Ser473, a site surrounded by phenylalanine and tyrosine. RSK1, p70 S6 K, and certain PKC isoforms also contain a similar consensus phosphorylation site. Phosphorylation of these sites is required for kinase activity. The Phospho-(Ser/Thr) Phe Antibody is a powerful tool for discovery of new proteins containing this important regulatory motif.

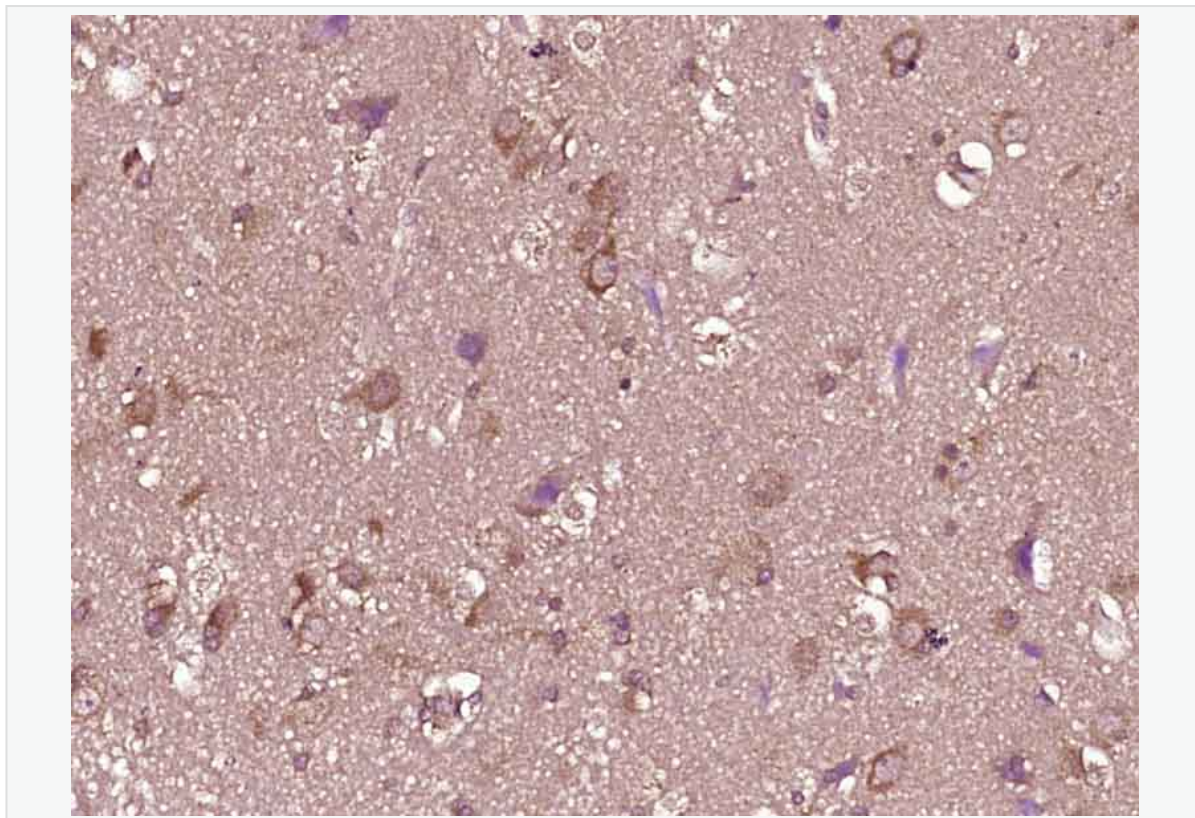
SWISS:

N/A

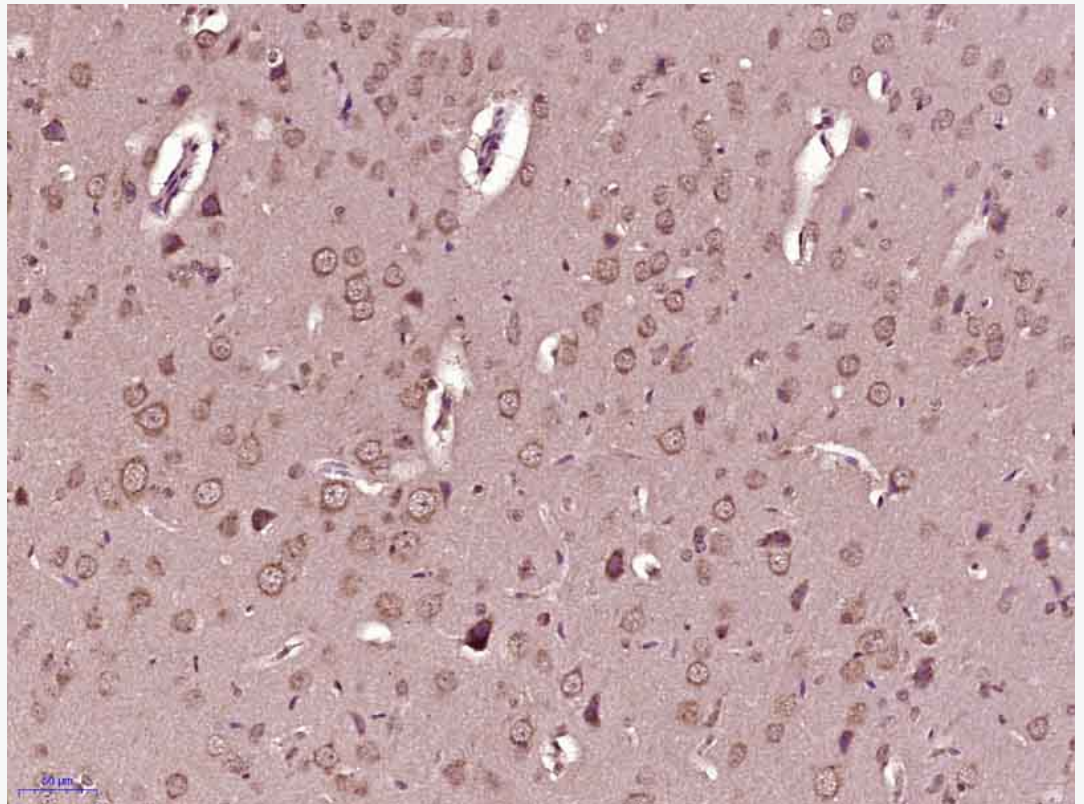
Gene ID:

407-41-0

**Product
Picture**

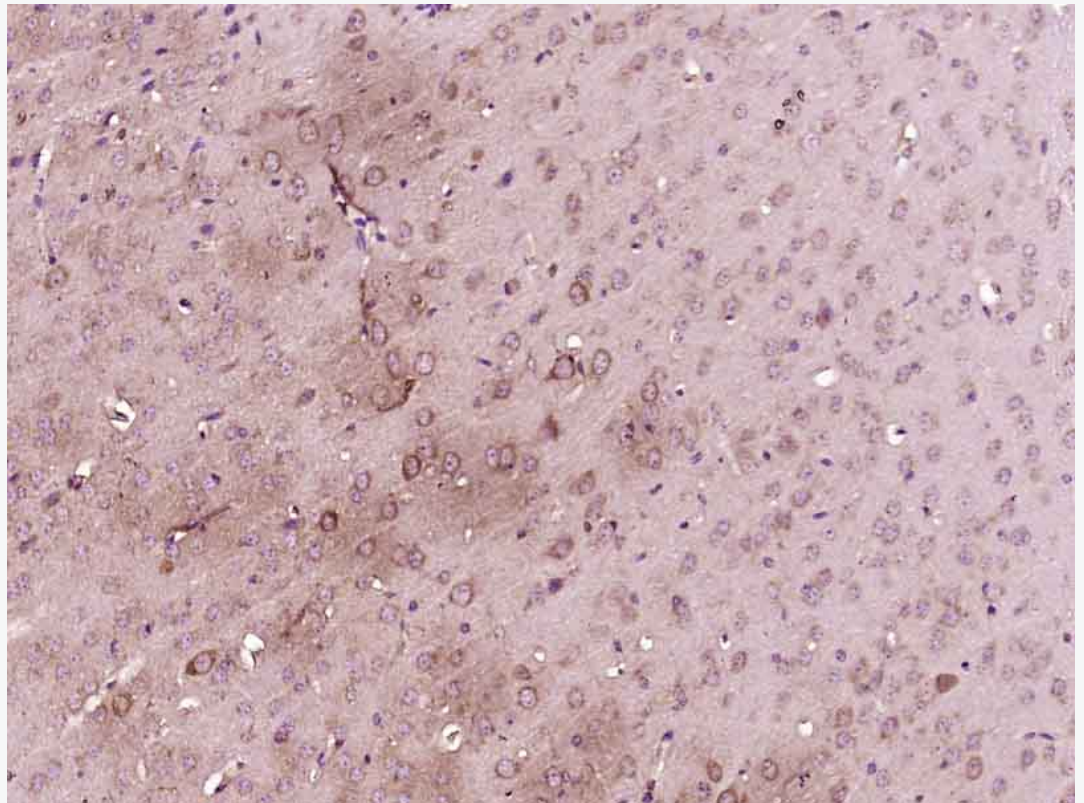


Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phosphoserine,threonine) Polyclonal Antibody, Unconjugated (SL11994R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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 (Phosphoserine,threonine) Polyclonal Antibody, Unconjugated (SL11994R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (Phosphoserine,threonine) Polyclonal Antibody, Unconjugated (SL11994R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com
