

Rabbit Anti-Phospho-CDK1 (Thr14)antibody

SL6955R

Product Name	Phospho-CDK1 (Thr14)
Chinese Name	磷酸化周期素依赖激酶 2 抗体
Alias	Phospho-cdc2 (Thr14); CDK1 (Phospho Thr14); CDK1 (Phospho T14); Cdc 2; Cdc2; CDC28A; CDK 1; CDK1_HUMAN; CDKN1; CELL CYCLE CONTROLLER CDC2; Cell division control protein 2; Cell division control protein 2 homolog; Cell division cycle 2 G1 to S and G2 to M; Cell division protein kinase 1; Cell Division Cycle 2 Protein; Cyclin Dependent Kinase 1; Cyclin-dependent kinase 1; DKFZp686L2022; MGC111195; p34 Cdk1; p34 protein kinase; P34CDC2.
Product Type	Phosphorylated anti
Research Area	Cell biology Signal transduction Cyclin Kinases and Phosphatases
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human, Mouse, Rat, WB=1:1000-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	34kDa
Cellular localization	The nucleus cytoplasmic
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated Synthesised phosphopeptide derived from human cdc2 around the phosphorylation site of Thr14
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 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.

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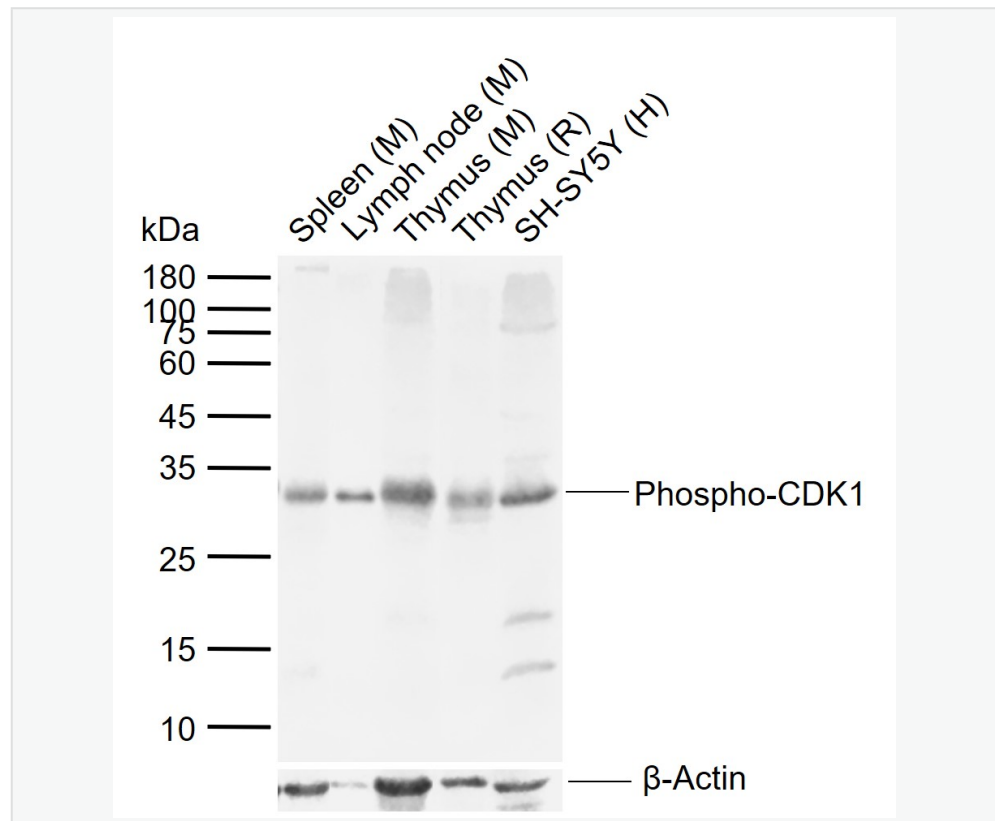
Product Detail

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

SWISS:
P06493

Gene ID:
983

Product Picture



Sample:

Lane 1: Mouse Spleen tissue lysates

Lane 2: Mouse Lymph node tissue lysates

Lane 3: Mouse Thymus tissue lysates

Lane 4: Rat Thymus tissue lysates

Lane 5: Human SH-SY5Y cell lysates

Primary: Anti-Phospho-CDK1 (Thr14) (SL6955R) at 1/1000 dilution

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

Predicted band size: 34 kDa

Observed band size: 32 kDa