

CDK1 Polyclonal Antibody

catalog number: E-AB-70286

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

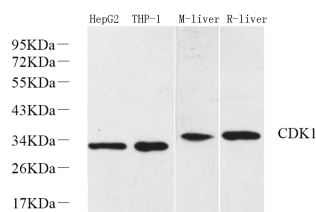
Reactivity	Human;Mouse;Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to mouse CDK1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot analysis of various samples using CDK1 Polyclonal Antibody at dilution of 1:1000.

Observed-MV:34 kDa

Calculated-MV:34 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

CDK1, also named as CDC2, belongs to the protein kinase superfamily, CMGC Ser/Thr protein kinase family and CDC2/CDKX subfamily. CDC2 plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. CDC2 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. It is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II. Mitotic cyclins stably associate with CDC2 and function as regulatory subunits. The antibody is specific to the 2 isoforms of CDC2.