

Phospho-CHEK2 (Thr383) Polyclonal Antibody

Catalog No. E-AB-21104

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

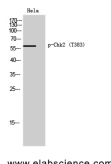
Description

Reactivity	Human, Mouse, Rat, Monkey
Immunogen	Synthesized peptide derived from human Chk2 around the phosphorylation site of Thr383
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
IF	1:100-1:300
ELISA	1:20000

Data



Western Blot analysis of HeLa cells using Phospho-CHEK2 (Thr383) Polyclonal Antibody at dilution of 1:1000

Observed Mw:60kDa
Calculated Mw:61kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Regulates cell cycle checkpoints and apoptosis in response to DNA damage, particularly to DNA double-strand breaks. Inhibits CDC25C phosphatase by phosphorylation on 'Ser-216', preventing the entry into mitosis. May also play a role in meiosis. Regulates the TP53 tumor suppressor through phosphorylation at 'Thr-18' and 'Ser-20'.

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