

Phospho-CHEK2 (Thr68) Polyclonal Antibody

Catalog No. E-AB-20843

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

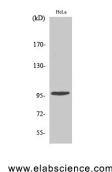
Description

Reactivity	Human, Mouse, Rat
Immunogen	Synthesized peptide derived from human Chk2 around the phosphorylation site of Thr68
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

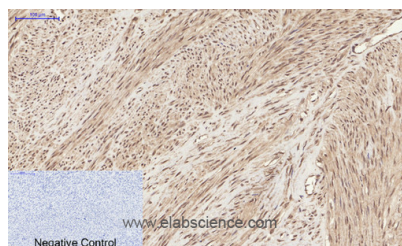
WB	1:500-1:2000
IHC	1:100-1:300
IF	1:50-1:200

Data

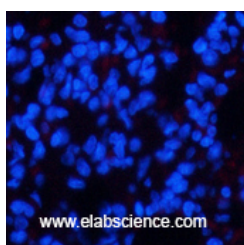


Western Blot analysis of HeLa cells using Phospho-CHEK2 (Thr68) Polyclonal Antibody at dilution of 1:500

Observed Mw:61kDa
Calculated Mw:61kDa



Immunohistochemistry of paraffin-embedded Human uterus tissue using Phospho-CHEK2 (Thr68) Polyclonal Antibody at dilution of 1:200



Immunofluorescence analysis of Rat lung tissue using Phospho-CHEK2 (Thr68) Polyclonal Antibody at dilution of 1:200

For Research Use Only

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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