PHOSPHO-CHK2 (THR68) RABBIT PAB

Cat.#: N225381

Product Name: Anti-Phospho-Chk2 (Thr68) Rabbit pAb

Synonyms: CHEK2; CDS1; CHK2; RAD53; Serine/threonine-protein kinase Chk2; CHK2 checkpoint homolog; Cds1 homolog; Hucds1; hCds1; Checkpoint kinase 2

UNIPROT ID: O96017

Background: These are known to be preferred sites for phosphorylation by ATM/ATR kinases. After DNA damage by ionizing radiation (IR), UV irradiation, or hydroxyurea treatment, Thr68 and other sites in this region become phosphorylated by ATM/ATR. The SQ/TQ cluster domain, therefore, seems to have a regulatory function.

Immunogen: The antiserum was produced against synthesized peptide derived from human Chk2 around the phosphorylation site of Thr68. AA range:35-84

Applications: WB,ICC/IF,IHC-P

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

MW: Calculated MW: 61 kDa; Observed MW: 61 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

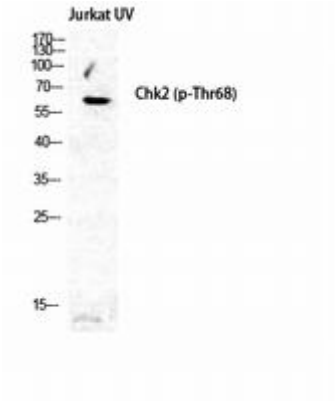
Conjugation: Unconjugated

Modification: Phosphorylated

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Phospho-Chk2(Thr68) in Jurkat treated with UV lysates using Phospho- Chk2 (Thr68) antibody.