

Product Datasheet

Phospho-Chk2 (T68) Antibody

Catalog No: CY8878

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IP



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Information

UniProt ID: O96017

All Names: CHEK2; CHK2; Cds1; Chk2; EC 2.7.11.1; RAD53; kinase Chk2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 65kDa

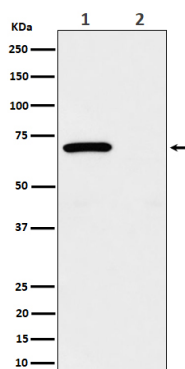
Application

WB 1:500~1:2000

IP 1:50

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.



Western blot analysis of Phospho-Chk2 (T68) expression in (1) 293 treated with UV and Untreated cell lysate; (2) Untreated.

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