

Product Datasheet

Phospho-Chk1 (Ser280) Antibody

Catalog No: CY6111

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: O14757

All Names: Checkpoint, S. pombe, homolog of, 1; CHEK1; CHK1; CHK1 checkpoint homolog (S. pombe); Serine/threonine-protein kinase Chk1

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

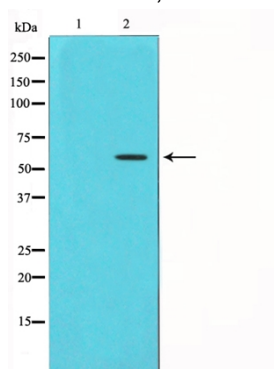
Molecular Wt.: 56kDa

Application

WB 1:500-1:2000

Background

DNA damage induced protein phosphorylation; regulation of mitotic centrosome separation; regulation of S phase; peptidyl-threonine phosphorylation; DNA repair; chromatin-mediated maintenance of transcription; negative regulation of mitosis;



Western blot analysis of Chk1 phosphorylation expression in UV treated HT29 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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