Anti-Phospho-Chk2 (Thr68) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010302

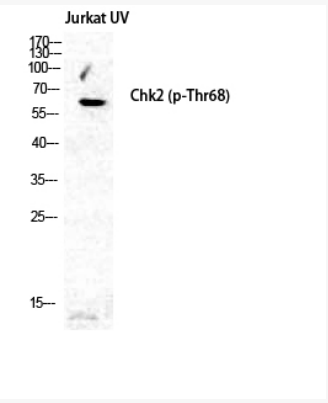
Product Information

Application	WB, ICC/IF (Cell), IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human Chk2 around the phosphorylation site of Thr68.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Chk2 (Thr68) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CHEK2, CDS1, CHK2, RAD53, Serine/threonine-protein kinase Chk2, CHK2 checkpoint homolog, Cds1 homolog, Hucds1, hCds1, Checkpoint kinase 2.
Calculated MW	Calculated MW: 61 kDa; Observed MW: 61 kDa
Uniprot ID	O96017
Gene ID	11200
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.

Validation Images



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