

Anti-Chk2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010866

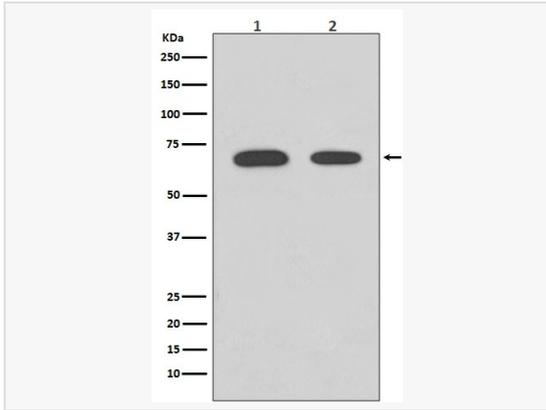
Product Information

Application	IP, ELISA, WB, IHC-P/IF (Tissue-P), ICC/IF (Cell)
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Chk2
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
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-Chk2 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

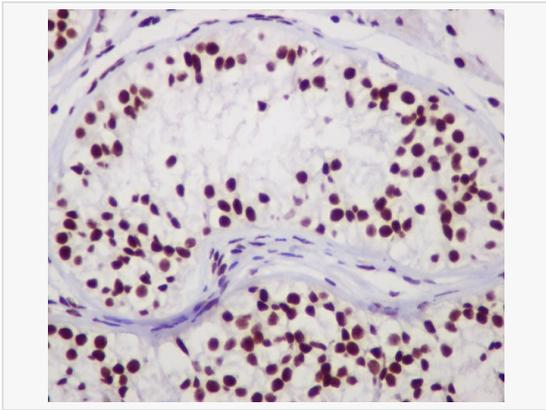
Protein Information

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.

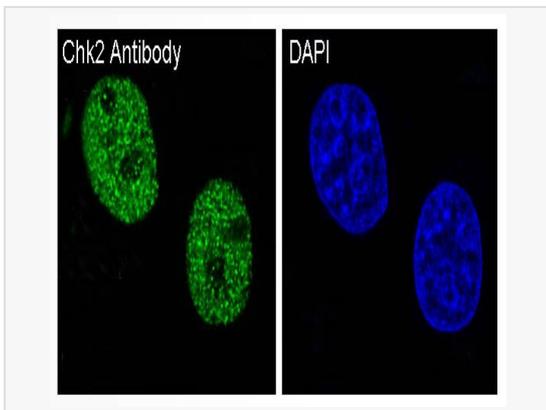
Validation Images



Western blot analysis of Chk2 in (1) HeLa lysates; (2) 293T lysates using Chk2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human testis using Chk2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of Chk2 in HeLa using Chk2 antibody.