
Product Name: Chk1 Rabbit Monoclonal Antibody**Catalog #: AMRe01821**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 54 kDa; Observed MW: 54 kDa

Antigen Information

Gene Name	CHEK1
Alternative Names	CHEK1; CHK1; Serine/threonine-protein kinase Chk1; CHK1 checkpoint homolog; Cell cycle checkpoint kinase; Checkpoint kinase-1
Gene ID	1111
SwissProt ID	O14757
Immunogen	A synthetic peptide corresponding to target protein

Background

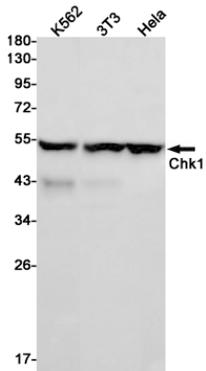
DNA damage induced protein phosphorylation; regulation of mitotic centrosome separation; regulation of S phase; peptidyl-

threonine phosphorylation; DNA repair; chromatin-mediated maintenance of transcription; negative regulation of mitosis;

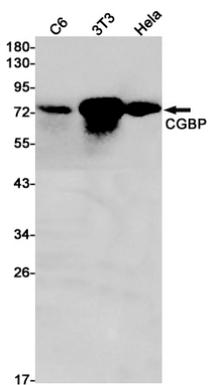
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Chk1 in K562 lysates using Chk1 antibody.



Western blot analysis of Chk1 in K562, 3T3, HeLa lysates using Chk1 antibody.