

Phospho-Chk1 (Ser301) Polyclonal Antibody

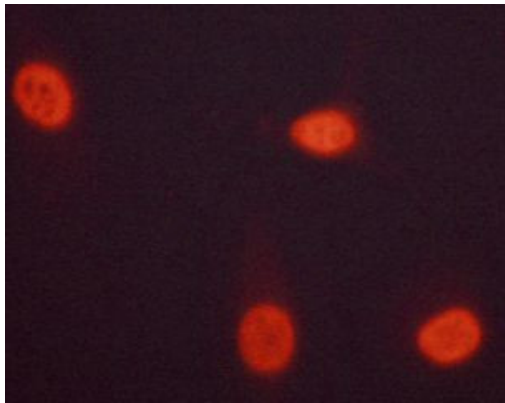
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human CHEK1(Accession O14757), corresponding to amino acid residues around phosphorylated Ser301.
Form	Liquid
Concentration	1 mg/mL
Purification	sequential chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2816164

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:100-1:500	-

Product Specific Information

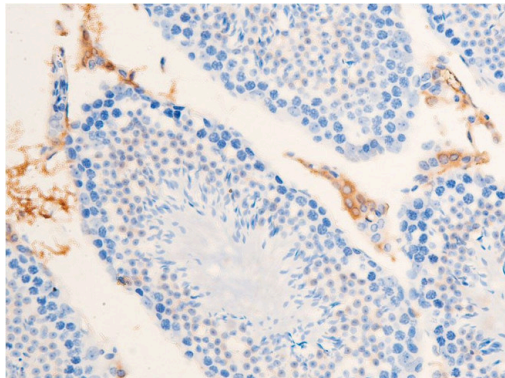
Antibody detects endogenous levels of Chk1 only when phosphorylated at Serine 301.

Product Images For Phospho-Chk1 (Ser301) Polyclonal Antibody



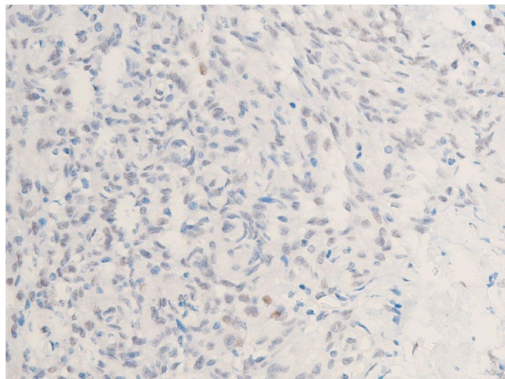
Phospho-Chk1 (Ser301) Antibody (PA5-104691) in ICC/IF

Immunofluorescent analysis of Phospho-Chk1 (Ser301) in HeLa cells. Samples were fixed with paraformaldehyde, permeabilized with 0.1% saponin, blocked with 10% serum (45 min, 37°C) incubated with Phospho-Chk1 (Ser301) polyclonal antibody (Product # PA5-104691) using a dilution of 1:400 (1 hr, 37°C), and followed by goat anti-rabbit IgG Alexa Fluor 594 at a dilution of 1:600.



Phospho-Chk1 (Ser301) Antibody (PA5-104691) in IHC (P)

Immunohistochemistry analysis of paraffin-embedded Phospho-Chk1 (Ser301) in mouse testicular tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-Chk1 (Ser301) polyclonal antibody (Product # PA5-104691) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.



Phospho-Chk1 (Ser301) Antibody (PA5-104691) in IHC (P)

Immunohistochemistry analysis of paraffin-embedded Phospho-Chk1 (Ser301) in human lymphoid tissue sections. Antigen retrieval was performed using citrate buffer. Samples were blocked with blocking buffer (1.5 hr, 22°C), incubated with Phospho-Chk1 (Ser301) polyclonal antibody (Product # PA5-104691) using a dilution of 1:100 (1.5 hr, 22°C), followed by HRP conjugated goat anti-rabbit.

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