

Anti-P-P53 (Ser315) Rabbit pAb



WL02504

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-P-P53 (Ser315) Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Western blot	1:500
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>	
Molecular Wt.	53 kDa	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background p53, a DNA-binding, oligomerization domain- and transcription activation domain-containing tumor suppressor, upregulates growth arrest and apoptosis-related genes in response to stress signals, thereby influencing programmed cell death, cell differentiation, and cell cycle control mechanisms. In vivo phosphorylation at Ser315 has been observed following UV-irradiation, and a Ser315Ala mutant p53 has reduced activity as a transcription factor. Aurora A phosphorylates p53 at Ser315 in a cell cycle-dependent manner leading to MDM2-mediated ubiquitination/degradation of p53.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of P-P53 (Ser315).

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

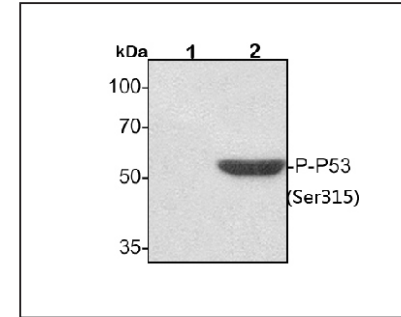
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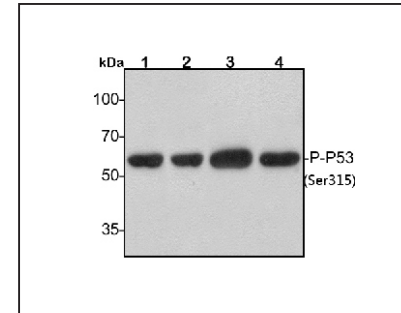
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Product Images



Western blot-Anti-P-P53 (Ser315) pAb

Lane 1: Human HepG2 cell lysate 30µg
Lane 2: Human HepG2 cell treated by LPS lysate 30µg
Separation gel: 10% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:500 in blocking buffer, 4°C, overnight
Secondary antibody (WLA023a): 1:5000-1:10000, 45min
Visualization: ECL, 30s-2min



Western blot-P-P53 (Ser315) pAb

Lane 1: Mouse kidney tissue lysate 30µg
Lane 2: Mouse heart tissue lysate 30µg
Lane 3: Rat brain tissue lysate 30µg
Lane 4: Rat stomach tissue lysate 30µg
Separation gel: 10% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking
Primary antibody: 1:500 in blocking buffer, 4°C, overnight
Secondary antibody (WLA023a): 1:5000-1:10000, 45min
Visualization: ECL