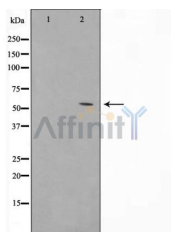


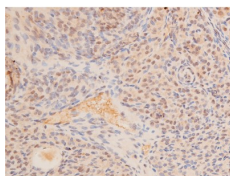
Acetyl-p53 (Lys319) Ab

[References\(1\)](#) [Images\(10\)](#)

Cat.#: AF1024	Concn.: ~1mg/ml	Mol.Wt.: 53KD
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:1000, IHC 1:50-1:500, IF/ICC 1:200 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human, Mouse, Rat	
Storage:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human p53 around the acetylation site of Lys319.	
Uniprot:	P04637	
Description:	Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy.	



Western blot analysis of extracts from HeLa cells, treated with TSA 400nM 24h, using Acetyl-p53 (Lys319) Ab. The lane on the left was treated with the synthesized peptide.



AF1024 at 1/200 staining rat ovarian tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,

overnight.

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