

## Anti-Phospho-TP53-S46 antibody (STJ29322)

STJ29322

### GENERAL INFORMATION

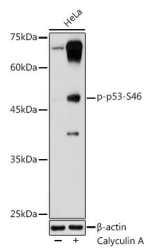
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-p53-S46 is suitable for use in Western Blot and Immunoprecipitation.
<b>Applications</b>	WB, IP
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse

### PRODUCT PROPERTIES

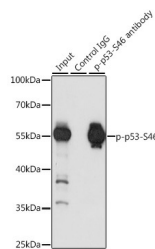
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:1000-1:2000 IP 1:50-1:100
<b>Formulation</b>	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store in a freezer at -20°C and avoid freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	7157
<b>Gene Symbol</b>	TP53
<b>Uniprot ID</b>	P53_HUMAN
<b>Immunogen</b>	A synthetic phosphorylated peptide around S46 of human p53 (NP_000537.3).
<b>Immunogen Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



Western blot analysis of extracts of HeLa cells, using Phospho-p53-S46 antibody (STJ29322) at 1:1000 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunoprecipitation analysis of 200µg extracts of 293T cells, using 3 µg Phospho-p53-S46 polyclonal antibody (STJ29322). Western blot was performed from the immunoprecipitate using Phospho-p53-S46 polyclonal antibody (STJ29322) at a dilution of 1:1000. 293T cells were treated by UV at room temperature for 30 minutes after serum-starvation overnight, and then treated by 10% FBS at 37 °C for 30 minutes.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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