

Anti-Phospho-TP53-S46 antibody (STJ29322)

STJ29322

GENERAL INFORMATION

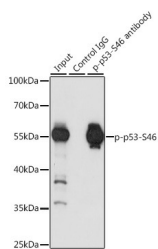
Product Type	Primary antibodies
Short Description	
Applications	WB/IP/ELISA
Host/Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

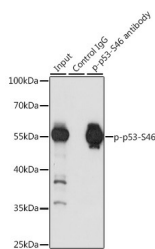
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

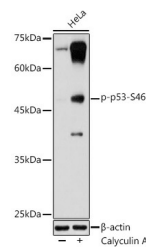
Gene ID	7157
Gene Symbol	TP53
Uniprot ID	P53_HUMAN
Immunogen	MLSPD
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around S46 of human p53 (NP_000537.3).
Immunogen Sequence	MLSPD



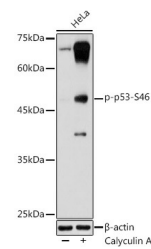
Western blot analysis of extracts of HeLa cells, using Phospho-p53-S46 antibody (STJ29322) at 1:1000 dilution. HeLa cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: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



Immunoprecipitation analysis of 200 Mu g extracts of 293T cells, using 3 Mu g 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.



Immunoprecipitation analysis of 200ug extracts of 293T cells, using 3 ug 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.



Western blot analysis of lysates from HeLa cells, using Phospho-p53-S46 Rabbit polyclonal 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) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

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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