

Phospho-p53-S9 Antibody

CABP0085

Description

This Phospho-p53-S9 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABP0085
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	P53, BCC7, LFS1, BMFS5, TRP53, Phospho-p53-S9
Clone:	-
Applications:	WB IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human

Antibody Data

Gene ID:	7157
Uniprot:	AB_2771382
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	55kDa
Calculated MW:	44kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

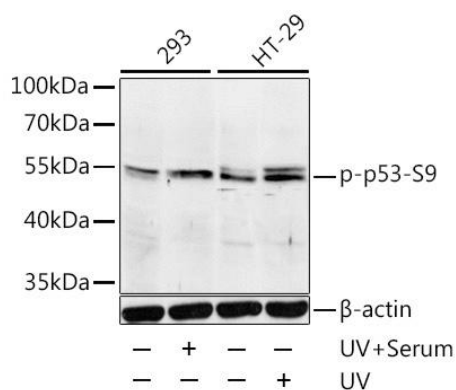
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: 293 treated with UV, HT-29 treated with UV

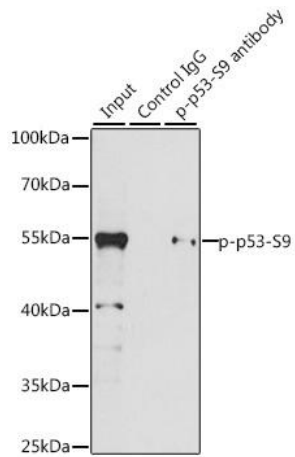
Recommended Dilutions:	WB	1:500 - 1:2000
	IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from 293 and HT-29 cells, using Phospho-p53- Rabbit pAb (CABP0085) at 1:1000 dilution. 293 cells were treated with UV for 15-30 minutes. HT-29 cells were treated with UV for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3min.



Immunoprecipitation analysis of 200 μ g extracts of 293T cells, using 3 μ g Phospho-p53- pAb (CABP0085). Western blot was performed from the immunoprecipitate using Phospho-p53- pAb (CABP0085) at a dilution of 1:1000. 293T cells were treated with UV at room temperature for 30 minutes after serum-starvation overnight, and then treated with 10% FBS at 37°C for 30 minutes.