

Phospho-p53-S33 Antibody

CABP0762

Description

This Phospho-p53-S33 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:	CABP0762
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	P53, BCC7, LFS1, BMFS5, TRP53, Phospho-p53-S33
Clone:	-
Applications:	WB IHC-P IP ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	7157
Uniprot:	AB_2771619
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 with 0.01% thimerosal, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HT-29 treated with Nocodazole

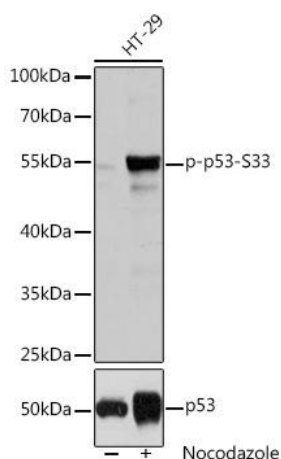
Recommended Dilutions:

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100
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.

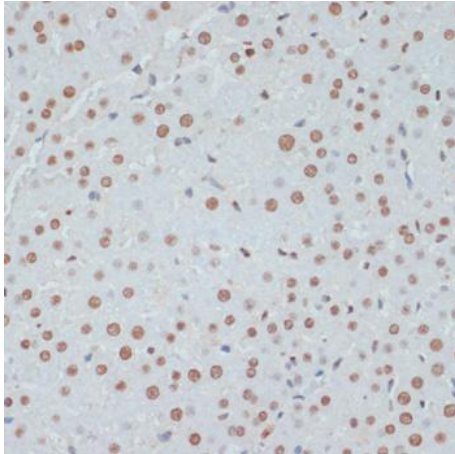
Protein Quantification (Optional):

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

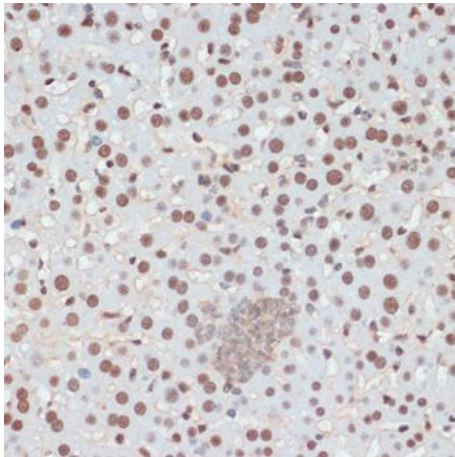
Validation Data



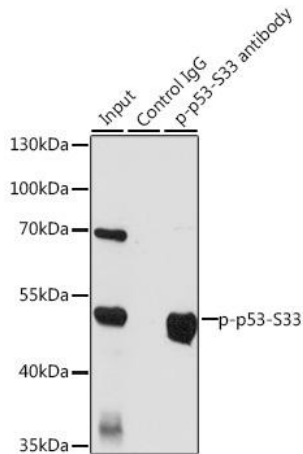
Western blot analysis of lysates from HT-29 cells, using Phospho-p53- Rabbit pAb. HT-29 cells were treated with Nocodazole (100ng/mL) for 16 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Rat liver using Phospho-p53- Rabbit pAb (CABP0762) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using Phospho-p53- Rabbit pAb (CABP0762) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunoprecipitation analysis of 200 µg extracts of HT-29 cells, using 3 µg Phospho-p53- pAb (CABP0762). Western blot was performed from the immunoprecipitate using Phospho-p53- pAb (CABP0762) at a dilution of 1:1000. HT-29 cells were treated with nocodazole (100 ng/mL) at 37°C for 16 hours.