# Phospho-p53-S392 Antibody

**CABP0860**

## Description

This Phospho-p53-S392 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

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| **SKU:** | CABP0860 |
| **Contents:** | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml) |
| **Category:** | Polyclonal Antibody |
| **Synonyms:** | P53, BCC7, LFS1, BMFS5, TRP53, Phospho-p53-S392 |
| **Clone:** | - |
| **Applications:** | WB ELISA |
| **Conjugation:** | Unconjugated |
| **Reactivity:** | Human, Mouse, Rat |

## Antibody Data

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| **Gene ID:** | 7157 |
| **Uniprot:** | AB_2771622 |
| **Host Species:** | Rabbit |
| **Purification:** | Affinity purification |
| **Observed MW:** | 53kDa |
| **Calculated MW:** | 44kDa |

## Preparation & Storage

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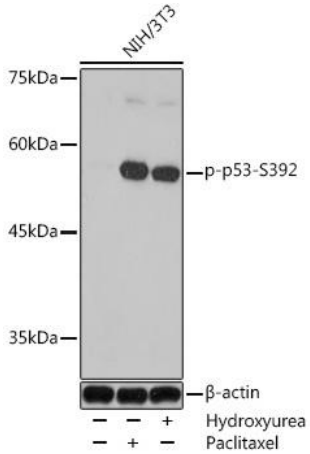
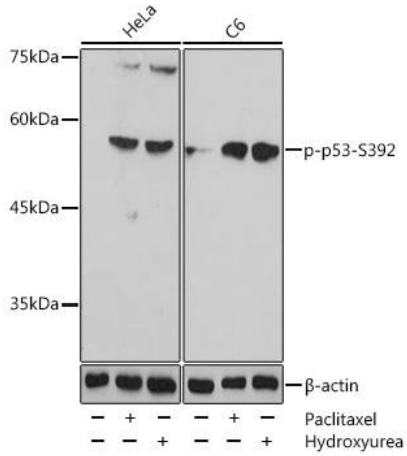
| **Storage:** | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.<br>Store Bradford Reagent at Room Temperature for 1 Year. |
| **Positive Sample:** | HeLa treated with Paclitaxel, HeLa treated with Hydroxyurea, NIH/3T3 treated with Paclitaxel, NIH/3T3 treated with Hydroxyurea, C6 treated with Paclitaxel, C6 treated with Hydroxyurea |
| **Recommended Dilutions:** | **WB**: 1:500 - 1:2000<br>**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 NIH/3T3 cells, using Phospho-p53- Rabbit pAb (CABP0860) at 1:1000 dilution. NIH/3T3 cells were treated with Paclitaxel (100 nM/ml) at 37°C for 20 hours. NIH/3T3 cells were treated with Hydroxyurea (4 mM) at 37°C for 20 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 Enhanced Kit (AbGn00021). Exposure time: 1s.




Western blot analysis of various lysates using Phospho-p53- Rabbit pAb (CABP0860) at 1:1000 dilution. HeLa cells were treated with Paclitaxel (100 nM/ml) at 37°C for 20 hours. HeLa cells were treated with Hydroxyurea (4 mM) at 37°C for 20 hours. cells were treated with Paclitaxel (100 nM) at 37°C for 20 hours. cells were treated with Hydroxyurea (4 mM) at 37°C for 20 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 Enhanced Kit. Exposure time: 20s.