

Anti-p53 (Phospho-S15) Antibody Product Manual

货号: **GPA1201**

来源: Rabbit

反应物种: H, R

实验应用: WB, IH, IF/IC, IP

*反应物种注解:

H - Human, M - Mouse, R - Rat, B - Bovine, C - Chicken, D - Dog, G - Goat, Mk - Monkey, P - Pig, Rb - Rabbit, S - Sheep,
Z - Zebrafish

*实验应用注解:

E- ELISA, WB - Western blot, IH - Immunohistochemistry, IF - Immunofluorescence, FC - Flow cytometry, IC - Immunocytochemistry, IP - Immunoprecipitation, ChIP - Chromatin Immunoprecipitation, EMSA - Electrophoretic Mobility Shift Assay, BL - Blocking, SE - Sandwich ELISA, CBE - Cell-based ELISA, RNAi - RNA interference

Datasheet

产品描述: Rabbit polyclonal antibody to p53 (Phospho-S15)

免疫原: KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S15 of human p53 protein. The exact sequence is proprietary.

纯化方式: The antibody was purified by immunogen affinity chromatography.

克隆类型: Polyclonal

产品形式: Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

稀释比: WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500), IP (1/10 - 1/100)

基因名称: TP53

相关名称: P53; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53

基因编号(人): 7157;

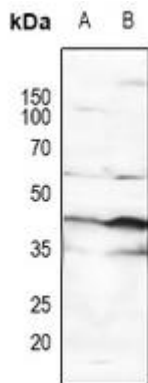
基因编号(大鼠): 24842;

蛋白编号(人): P04637;

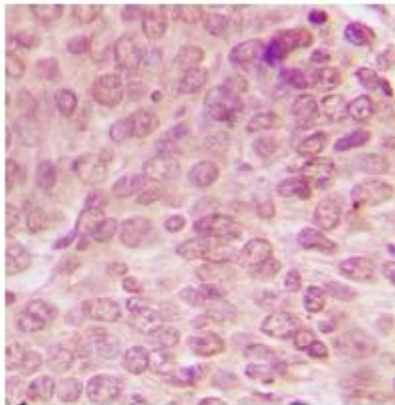
蛋白编号(大鼠): P10361;

储存效期: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

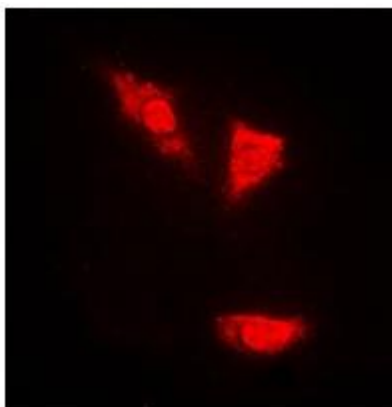
Validation



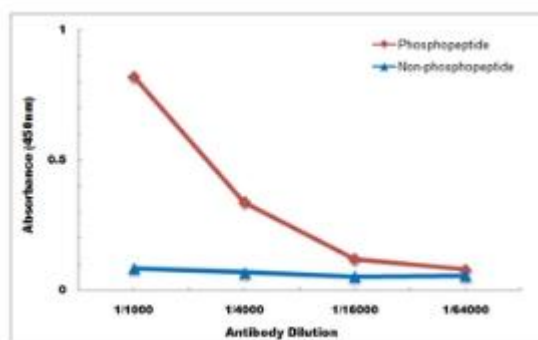
Western blot analysis of p53 (Phospho-S15) expression in Hela (A), Jurkat (B) whole cell lysates. (Predicted band size: 43 kD; Observed band size: 53; 47 kD)



Immunohistochemical analysis of p53 (Phospho-S15) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of p53 (Phospho-S15) staining in PC12 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Direct ELISA antibody dose-response curve using Anti-p53 (Phospho-S15) Antibody. Antigen (Phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

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