

Anti-p53 (Phospho-S46) Antibody

Catalog #	Source	Reactivity	Applications
CPA7108	Rabbit	H, Mk	WB
Description	Rabbit polyclonal antibody to p53 (Phospho-S46)		
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding S46 of human p53 protein. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of p53 protein only when phosphorylated at S46.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	TP53		
Alternative Names	P53; Cellular tumor antigen p53; Antigen NY-CO-13; Phosphoprotein p53; Tumor suppressor p53		
Entrez Gene	7157 (Human)		
SwissProt	P04637 (Human)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: 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

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

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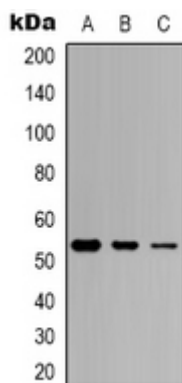
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Product Data Sheet



Western blot analysis of p53 (Phospho-S46) expression in HT29 (A), MCF7 (B), HeLa (C) whole cell lysates. (Predicted band size: 43 kD; Observed band size: 53 kD)

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