

Product datasheet for **AP05899PU-N**

p53 (TP53) pSer392 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1:1000; recognises a band of approximately 53kD in rat brain nuclear fraction lysates.
Reactivity:	Human, Monkey, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide corresponding to an amino acid sequence within p53 which includes phosphorylated Ser392.
Specificity:	This antibody is specific for p53, when phosphorylated at serine 392.
Formulation:	10mM HEPES, pH7.5 containing 0.09% Sodium Azide, 0.01% Bovine Serum Albumin and 50% Glycerol State: Purified State: Liquid purified Ig
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor protein p53
Database Link:	Entrez Gene 24842 Rat Entrez Gene 716170 Monkey Entrez Gene 7157 Human P04637
Background:	The tumour suppressor protein p53, is expressed ubiquitously and plays an important role in blocking proliferation of damaged cells. Phosphorylation of p53 at serine 392 is reported in response to diverse stresses, for example UV irradiation.
Synonyms:	Cellular tumor antigen p53, Tumor suppressor p53, Phosphoprotein p53, NY-CO-13
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors



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Protein Pathways:

Amyotrophic lateral sclerosis (ALS), Apoptosis, Basal cell carcinoma, Bladder cancer, Cell cycle, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, Glioma, Huntington's disease, MAPK signaling pathway, Melanoma, Neurotrophin signaling pathway, Non-small cell lung cancer, p53 signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, Small cell lung cancer, Thyroid cancer, Wnt signaling pathway