10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-p53 (Ser392) Antibody

Our Anti-p53 (Ser392) rabbit polyclonal phosphospecific primary antibody from PhosphoSolutions is pr

Catalog # AN1504

Specification

Anti-p53 (Ser392) Antibody - Product Information

Primary Accession	P04637
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	43653

Anti-p53 (Ser392) Antibody - Additional Information

Gene ID	7157

Other Names

Antigen NY-CO-13 antibody, BCC7 antibody, Cellular tumor antigen p53 antibody, FLJ92943 antibody, LFS1 antibody, Mutant tumor protein 53 antibody, p53 antibody, p53 tumor suppressor antibody, P53_HUMAN antibody, Phosphoprotein p53 antibody, Tp53 antibody, Transformation related protein 53 antibody, TRP53 antibody, Tumor protein 53 antibody, Tumor protein p53 antibody, Tumor suppressor p53 antibody

Target/Specificity

p53 has a well established role in blocking the proliferative action of damaged cells and acting in essence as an anticancer agent (Sharpless and DePinho, 2002; Yin et al., 1992). It has been called the guardian of the genome (Lane, 1992). Phosphorylation of Ser-392 in p53 is associated with formation of human tumors (Saito et al., 2003; Pise-Masison et al., 1998; Kim et al., 2004). In addition, p53 has been linked to effects of aging and oxidative stress (Sharpless and DePinho, 2002). An increase in p53 has also been linked to deficits in LTP and learning and memory (Jiang et al., 1998)

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-p53 (Ser392) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

Blue Ice

Anti-p53 (Ser392) Antibody - Protocols

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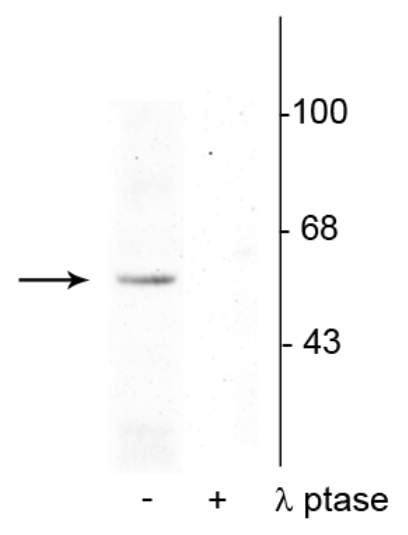
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-p53 (Ser392) Antibody - Images



Western blot of rat brain nuclear fraction lysate showing specific immunolabeling of the ~53 kDa p53 phosphorylated at Ser392 in the first lane (-). Phosphospecificity is shown in the second lane (+) where the immunolabeling is completely eliminated by blot treatment with lambda phosphatase (λ-Ptase, 1200 units for 30 minutes).

Anti-p53 (Ser392) Antibody - Background

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