



## Anti-human p53

**Product:** Sheep anti-human p53 polyclonal antibody.

**Description:** GST p53 fusion protein containing amino acids 1-393 of human p53 was used as immunogen. p53 has a molecular weight of 53kDa p53 is a transcription factor that can inhibit cell cycle progression or induce apoptosis in response to stress or DNA damage. Disruption of the p53 signalling pathway through various mechanisms is the most common alteration in human cancer occurring in over half of all tumors. The p53 protein is short lived and expressed at low levels in normal cells but accumulates and/or is activated in cells that have undergone genotoxic damage or oncogene activation. Many tumor derived and transformed cell lines express elevated levels of mutant p53 protein.

**Applications:** Western Blot (1-10 ug/ml, Immunoprecipitation, staining of formalin-fixed and paraffin-embedded tissue).

**Presentation:** 250 µg Ig purified

**Reactivity:** Reacts with human (wild-type and mutant), rat (wild-type and mutant), mouse (wild-type and mutant).

**Storage:** Antibodies should be stored at -20°C. Aliquot to avoid freeze/thaw cycles.

**Stability:** Antibodies are stable for one year from purchase if stored frozen.

**Formulation:** Provided as 0.2µm sterile filtered solution in phosphate buffered saline with 0.08% sodium azide.

Ordering Information:	Form	Vial Size	Catalog #
	Purified	250 µg	A145P

**For research use only. Not for use in human diagnostics or therapeutics.**