



ELK Biotechnology

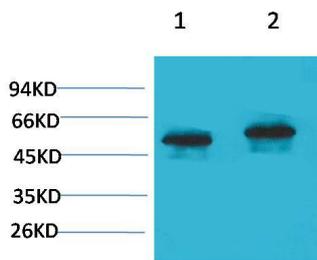
P53 Rabbit pAb

Catalog NO.: EA173

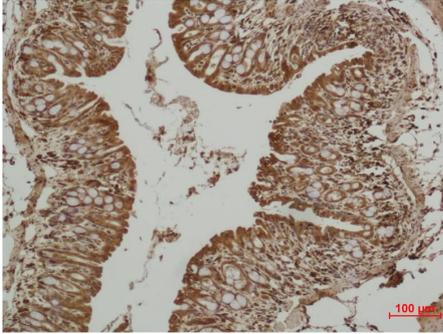
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Overview

Product name	P53 Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-2000 Immunohistochemistry:1/500-1000 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	53kDa
GenelD (Human)	7157
Human Swiss-Prot No.	P04637
Cellular localization	Cytoplasm, Cytoplasm, Nucleus
Alternative Names	Cellular tumor antigen p53 antibody, Cys 51 stop antibody, Tp53 antibody, Tumor protein p53 antibody
Background	p53 plays a major role in the cellular response to DNA damage and other genomic aberrations. The activation of p53 can lead to either cell cycle arrest and DNA repair, or apoptosis. p53 is phosphorylated at multiple sites in vivo and by several different protein kinases in vitro.



Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with p53 Rabbit pAb EA173 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Colon Tissue using p53 (EA173) Rabbit pAb diluted at 1:500.