

p53 Rabbit pAb

db2806

Package : 20μL 50μL 100μL

Product Name : p53 Rabbit pAb**Cat.No.:** db2806**Synonyms** : P53; BCC7; LFS1; TRP53**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes tumor protein p53, which responds to diverse cellular stresses to regulate target genes that induce cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. p53 protein is expressed at low level in normal cells and at a high level in a variety of transformed cell lines, where it's believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing transcription activation, DNA-binding, and oligomerization domains. It is postulated to bind to a p53-binding site and activate expression of downstream genes that inhibit growth and/or invasion, and thus function as a tumor suppressor. Mice deficient for this gene are developmentally normal but are susceptible to spontaneous tumors. Evidence to date shows that this gene contains one promoter, in contrast to alternative promoters of the human gene, and transcribes a few of splice variants which encode different isoforms, although the biological validity or the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human p53

Gene ID

7157

Swiss Prot

P04637

Synonyms

P53; BCC7; LFS1; TRP53

Reactivity

Human

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilutionWB: 1:2000
IHC: 1:200
ICC/IF: 1:200
FC: 1:1000
IP: 1:50**Calculated MW**

44 kDa

Observed MW	53 kDa
Host species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.