

TP53 Polyclonal Antibody

Catalog No. E-AB-63500

Note: Centrifuge before opening to ensure complete recovery of vial contents.

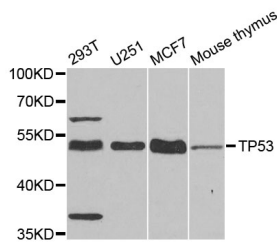
Description

Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide of mouse TP53
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

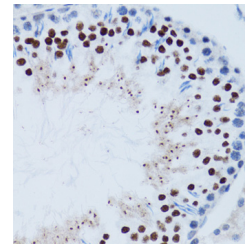
Applications Recommended Dilution

WB 1:500 - 1:2000
IHC 1:50 - 1:200 IF
1:50 - 1:100

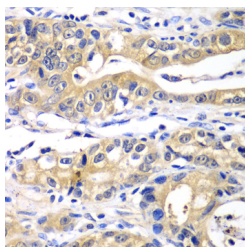
Data



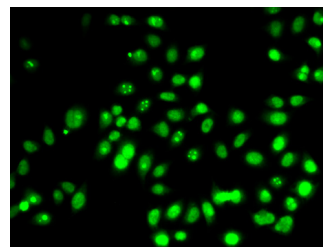
Western blot analysis of extracts of various cell lines with TP53 Polyclonal Antibody
Observed Mw:53kDa
Calculated Mw:43kDa



Immunohistochemistry of paraffin-embedded mouse testis with TP53 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded human gastric cancer with TP53 Polyclonal Antibody



Immunofluorescence analysis of HeLa cells with TP53 Polyclonal Antibody

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

For Research Use Only

Background

This gene encodes a tumor suppressor protein containing transcriptional activation, DNA binding, and oligomerization domains. The encoded protein responds to diverse cellular stresses to regulate expression of target genes, thereby inducing cell cycle arrest, apoptosis, senescence, DNA repair, or changes in metabolism. Mutations in this gene are associated with a variety of human cancers, including hereditary cancers such as Li-Fraumeni syndrome. Alternative splicing of this gene and the use of alternate promoters result in multiple transcript variants and isoforms. Additional isoforms have also been shown to result from the use of alternate translation initiation codons from identical transcript variants (PMIDs: 12032546, 20937277).