# TP53(Phospho-Ser9) antibody

Catalog No: #12172

Package Size: #12172-1 50ul #12172-2 100ul



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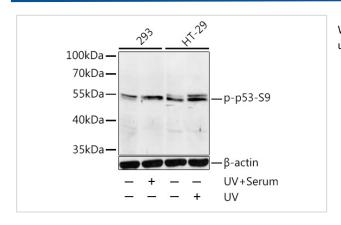
# Description

Product Name	TP53(Phospho-Ser9) antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Specificity	The antibody detects endogenous level of TP53 only when phosphorylated at serine 9.
Immunogen Type	Peptide
Immunogen Description	A synthetic phosphorylated peptide around S9 of human p53 (NP_000537.3).
Target Name	TP53
Target Name Modification	
	TP53
Modification	TP53 Phospho
Modification Other Names	TP53 Phospho BCC7;LFS1;P53;TRP53;p53;TP53;BMFS5
Modification Other Names Accession No.	TP53 Phospho BCC7;LFS1;P53;TRP53;p53;TP53;BMFS5 Uniprot:P04637GeneID:7157
Modification Other Names Accession No. SDS-PAGE MW	TP53 Phospho BCC7;LFS1;P53;TRP53;p53;TP53;BMFS5 Uniprot:P04637GeneID:7157 55kDa

### **Application Details**

WB 1:500 - 1:2000

### **Images**



Western blot analysis of extracts of 293 and HT-29 cells, using Phospho-p53-S9 antibody.

# 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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.