

TP53(Phospho-Ser9) antibody

Catalog No: #12172



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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

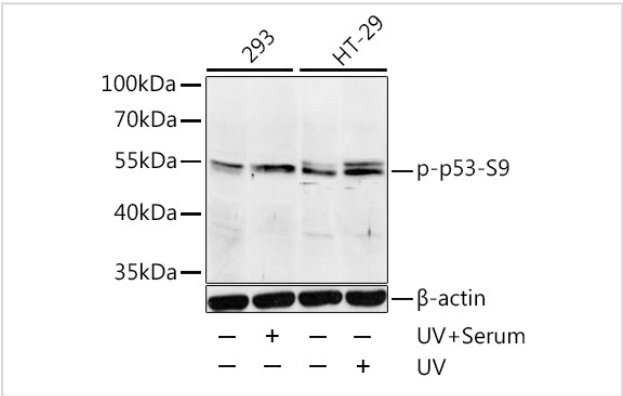
Description

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
Modification	Phospho
Other Names	BCC7;LFS1;P53;TRP53;p53;TP53;BMFS5
Accession No.	Uniprot:P04637GeneID:7157
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GeneID	7157
SDS-PAGE MW	55kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

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