

Phospho-p53-S46 pAb

Catalog No.	AP0476	Category	Phosphorylated Antibodies
Applications	WB, IP	Observed MW	44kDa
Cross-reactivity	Human	Calculated MW	23-43kDa

Immunogen Information

Immunogen	A phospho specific peptide corresponding to residues surrounding S46 of human TP53
Gene ID	7157
Swiss prot	P04637
Synonyms	TP53; BCC7; LFS1; P53; TRP53; tumor protein p53

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

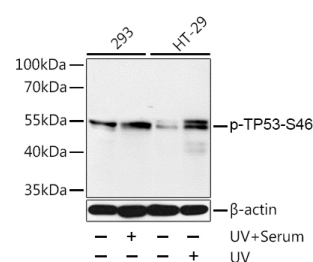
Background

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).

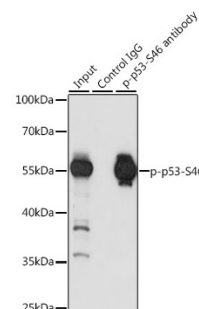
Recommended Dilutions

WB 1:1000 -
1:2000

IP 1:50 -
1:100



Western blot - Phospho-p53-S46 pAb (AP0476)



Immunoprecipitation - Phospho-p53-S46 pAb (AP0476)