

p73(Phospho-Tyr99) Antibody

Catalog No: #11058



Package Size: #11058-1 50ul #11058-2 100ul #11058-4 25ul

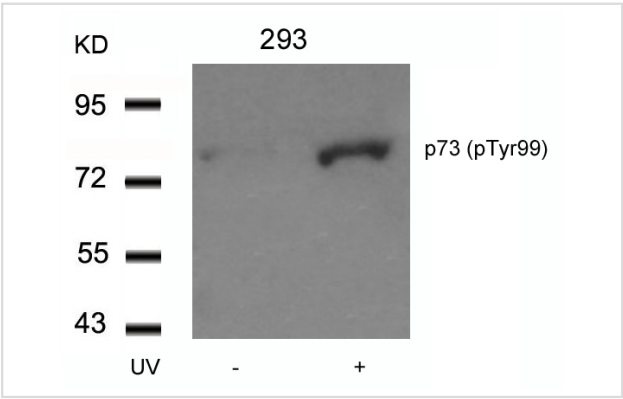
Overview

Product Name	p73(Phospho-Tyr99) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Human Mouse Rat
Immunogen Type	Peptide-KLH
Target Name	p73
Modification	Phospho-Tyr99
Alternative Names	TP73; TRP73; p53-related protein; p73-alpha;

Application Details

Predicted MW: 80kd
Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from 293 cells untreated or treated with UV using p73(Phospho-Tyr99) Antibody #11058.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 99 (S-P-Y(p)-A-Q) derived from Human P73.
Specificity	The antibody detects endogenous level of p73 only when phosphorylated at tyrosine99.
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: O15350NCBI Protein: NP_001119712.1

## Related Information

This gene encodes tumor protein p73, which is a member of the p53 family of transcription factors involved in cellular responses to stress and development. The family members include p53, p63, and p73 and have high sequence similarity to one another, which allows p63 and p73 to transactivate p53-responsive genes causing cell cycle arrest and apoptosis. The family members can interact with each other in many ways involving direct or indirect protein interactions, resulting in regulation of the same target gene promoters or regulation of each other's promoters. The p73 protein is expressed at very low levels in normal tissues and is differentially expressed in a number of tumors. The p73 gene expresses at least 35 mRNA variants due to the use of alternate promoters, alternate translation initiation sites, and multiple splice variations. Theoretically this can account for 29 different p73 isoforms; however, the biological validity and the full-length nature of most variants have not been determined.

Yuan ZM, et al.(1999) Nature.399(6738): 814-817.

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