



p73 (phospho Tyr99) rabbit pAb

Cat No.:ES1391

For research use only

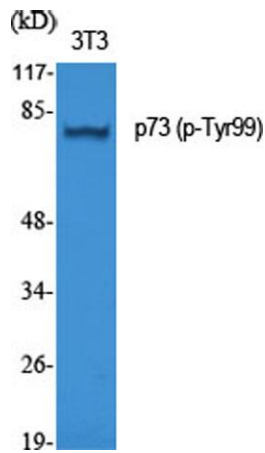
Overview

Product Name	p73 (phospho Tyr99) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human p73 around the phosphorylation site of Tyr99. AA range:66-115
Specificity	Phospho-p73 (Y99) Polyclonal Antibody detects endogenous levels of p73 protein only when phosphorylated at Y99.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tumor protein p73
Gene Name	TP73
Cellular localization	Nucleus . Cytoplasm. Accumulates in the nucleus in response to DNA damage.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	73kD
Human Gene ID	7161
Human Swiss-Prot Number	O15350
Alternative Names	TP73; P73; Tumor protein p73; p53-like transcription factor; p53-related protein
Background	tumor protein p73(TP73) Homo sapiens This gene encodes a member of the p53 family of transcription factors involved in cellular responses

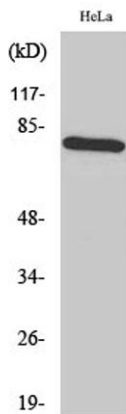




to stress and development. It maps to a region on chromosome 1p36 that is frequently deleted in neuroblastoma and other tumors, and thought to contain multiple tumor suppressor genes. The demonstration that this gene is monoallelically expressed (likely from the maternal allele), supports the notion that it is a candidate gene for neuroblastoma. Many transcript variants resulting from alternative splicing and/or use of alternate promoters have been found for this gene, but the biological validity and the full-length nature of some variants have not been determined. [provided by RefSeq, Feb 2011],



Western Blot analysis of various cells using Phospho-p73 (Y99) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

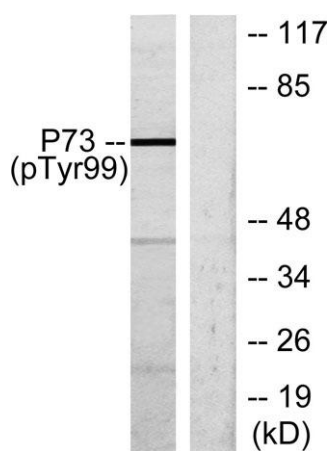
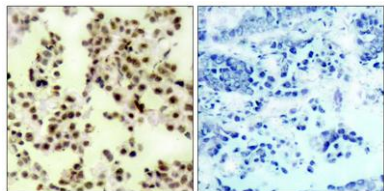


Western Blot analysis of HeLa cells using Phospho-p73 (Y99) Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).





Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using p73 (Phospho-Tyr99) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from K562 cells treated with Pervanadate, using p73 (Phospho-Tyr99) Antibody. The lane on the right is blocked with the phospho peptide.

