

Product datasheet for **TA336320**

p73 (TP73) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 25ug/ml
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A portion of amino acids 75-125, containing a phosphorylated tyrosine residue at position 99, of human p73 was used as the immunogen.
Formulation:	PBS, 0.02% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor protein p73
Database Link:	NP_005418 Entrez Gene 7161 Human O15350

Background: p73 was identified as a long-lost cousin of tumor suppressor protein, p53. p73 has high homology with p53 as well as with p63, a gene implicated in the maintenance of epithelial stem cells. Significant homology between p53, p63, and p73 (approximately 63% amino acid identity in the DNA-binding domain suggest that they may have overlapping functions in the regulation of gene expression. The targeted disruption of p73 gene leads to defects hippocampal dysgenesis, hydrocephalus, chronic inflammation and infections. Recently, splicing variant mRNAs of p73 has been identified in MCF-7, a breast carcinoma cell line. These mRNAs code for variant p73 proteins bearing distinct carboxy-terminal structures suggesting that the carboxy-terminal region of p73 may be important for the functions of this protein.



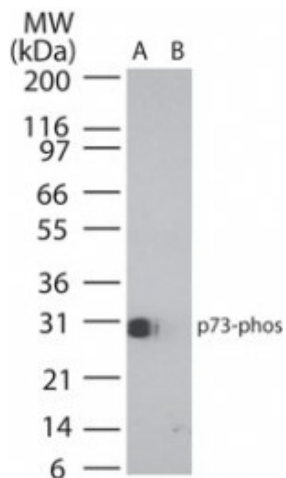
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Synonyms: P73

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Neurotrophin signaling pathway, p53 signaling pathway

Product images:



Western Blot: p73 [p Tyr99] Antibody TA336320 - analysis of phosphorylated p73 in (A) recombinant fusion protein containing phosphorylated tyrosine at position 99 and (B) fusion partner without this amino acid, using this antibody. 25 ug/ml.