



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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p73 α (C Terminal). Rabbit Polyclonal Antibody

BACKGROUND

The p73 exhibits sequence homology to the p53's transcriptional activation, DNA binding, and oligomerization domains. However, adenovirus E1B 55K, simian virus 40 T, and human papillomavirus E6 do not physically interact with p73 indicating that the functions of these two proteins may differ under physiological conditions. p73 is expressed in either a full-length form (α) (MW ~80kDa) or a shorter (β) (MW ~70kDa) mRNA variant, with exon 13 spliced out.

ORDERING INFORMATION

CATALOG NUMBER
X1582P

SIZE

100 μ g

FORM

Unconjugated

HOST/CLONE

Rabbit

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot, Immunoprecipitation

SPECIES REACTIVITY

Human, Mouse

ACCESSION NUMBER

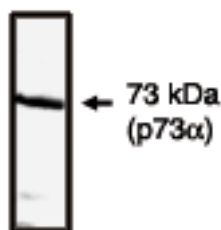
Human O15350

Mouse Q9JJP2

IMMUNOGEN

GST-fused recombinant protein derived from the C terminal of the p73 α protein.

Western blot analysis using p73 α antibody on H1299 cells transfected with p73 α protein.



POSITIVE CONTROL/TISSUE EXPRESSION

COS monkey kidney cells and IM9 human myeloma cells

COMMENTS

Antibody can be used for Western blotting (5-10 $\mu\text{g/ml}$). Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Ammonium Sulfate Precipitation

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C . Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Zeng, X., et al. 'p300 does not require its acetylase activity to stimulate p73 function.' J. Biol. Chem. 2001: 276, 48-52.
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3. Higashino F, et al: Adenovirus e4orf6 oncoprotein modulates the function of the p53-related protein, p73. Proc Natl Acad Sci U S A 1998 Dec 22;95(26):15683-15687.
4. Lo Cunsolo C, et al: Refined chromosomal localization of the putative tumor suppressor gene TP73. Cytogenet Cell Genet 1998;82(3-4):199-201.
5. Kovalev S, et al: Expression level, allelic origin, and mutation analysis of the p73 gene in neuroblastoma tumors and cell lines. Cell Growth Differ 1998 Nov;9(11):897-903.
6. Zhu J, et al: The potential tumor suppressor p73 differentially regulates cellular p53 target genes. Cancer Res 1998 Nov 15;58(22):5061-5065.
7. De Laurenzi V, et al: Two new p73 splice variants, gamma and delta, with different transcriptional activity. J Exp Med 1998 Nov 2;188(9):1763-1768.
8. Nimura Y, et al: p73, a gene related to p53, is not mutated in esophageal carcinomas. Int J Cancer 1998 Nov 9;78(4):437-440.
9. Marin MC et. al. Viral oncoproteins discriminate between p53 and the p53 homolog p73. Molecular and Cellular Biology, 1998;18(11):6316-6324.

PRODUCT SPECIFIC REFERENCES