

Product Datasheet

p73 Antibody - BSA Free NB100-420

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-420

p73 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

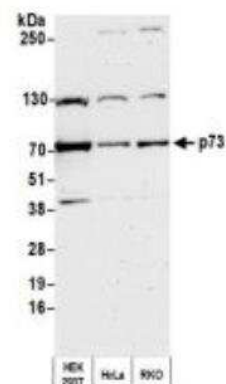
Product Description	
Host	Rabbit
Gene ID	7161
Gene Symbol	TP73
Species	Human
Specificity/Sensitivity	The epitope is found in isoforms alpha, beta, gamma, delta, epsilon, zeta, and kappa of human p73. The antibody is not expected to react with deltaNp73.
Immunogen	A synthetic peptide mapping to a region between residues 1 and 62 of human tumor protein p73 using the numbering given in Swiss-Prot entry O15350 (GeneID 7161).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation 2-10 ug/mg of lysate

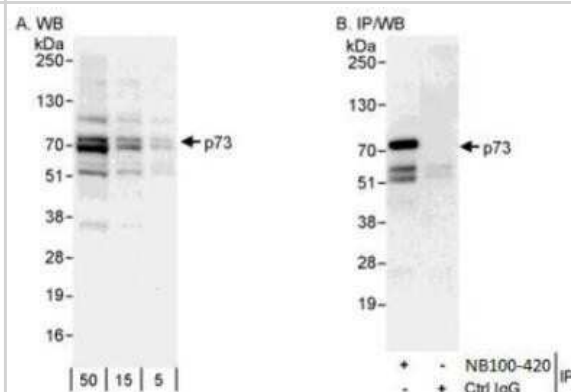


Images

Western Blot: p73 Antibody [NB100-420] - Whole cell lysate (50 ug) from HEK293T, HeLa, and RKO cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-p73 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Western Blot: p73 Antibody [NB100-420] - Detection of Human p73 by Western Blot and Immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-p73 antibody NB100-420 used for WB at 1 ug/ml (A and B) and used for IP at 3 ug/mg lysate. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 30 seconds (B).



Publications

Ruhul Amin AR, Thakur VS, Gupta K et al. N-(phosphonacetyl)-L-aspartate induces TAp73-dependent apoptosis by modulating multiple Bcl-2 proteins: potential for cancer therapy. *Oncogene* 2012-03-01 [PMID: 22430213]

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Rana S, Gupta K, Gomez J et al. Securinine induces p73-dependent apoptosis preferentially in p53-deficient colon cancer cells. *FASEB J* 2010-06-01 [PMID: 20133503]

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Dar AA, Belkhiri A, Ecsedy J et al. Aurora kinase A inhibition leads to p73-dependent apoptosis in p53-deficient cancer cells. *Cancer Res* 2008-11-01 [PMID: 18974145]

Levy D, Reuven N, Shaul Y et al. A regulatory circuit controlling Itch-mediated p73 degradation by Runx. *J Biol Chem* 2008-10-01 [PMID: 18701449]

Rosenbluth Jennifer M, Mays Deborah J, Pino Maria F et al. A gene signature-based approach identifies mTOR as a regulator of p73. *Mol Cell Biol*. 2008-10-01 [PMID: 18678646]

Kravchenko JE, Ilyinskaya GV, Komarov PG et al. Small-molecule RETRA suppresses mutant p53-bearing cancer cells through a p73-dependent salvage pathway. *Proc Natl Acad Sci U S A* 2008-04-01 [PMID: 18424558]

Kommagani R, Payal V, Kadakia MP et al. Differential regulation of vitamin D receptor (VDR) by the p53 Family: p73-dependent induction of VDR upon DNA damage. *J Biol Chem* 2007-10-01 [PMID: 17716971]

Amin AR, Thakur VS, Paul RK et al. SHP-2 tyrosine phosphatase inhibits p73-dependent apoptosis and expression of a subset of p53 target genes induced by EGCG. *Proc Natl Acad Sci U S A* 2007-03-01 [PMID: 17369354]

Zhang J, Chen X. DeltaNp73 modulates nerve growth factor-mediated neuronal differentiation through repression of TrkA. *Mol Cell Biol* 2007-05-01 [PMID: 17353261]

More publications at <http://www.novusbio.com/NB100-420>





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Products Related to NB100-420

NBL1-17209	p73 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

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