

p73 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-126A

Lot No. A300-126A-4

Protein ID O15350

GeneID 7161



APPLICATIONS WB, IP

SPECIES REACTIVITY Human

AMOUNT 100 µl

CONCENTRATION 1000 µg/ml

STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to p73 immobilized on solid support.

The epitope recognized by A300-126A maps to a region between residues 1 and 62 of human tumor protein p73 using the numbering given in Swiss-Prot entry O15350 (GeneID 7161). 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.

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

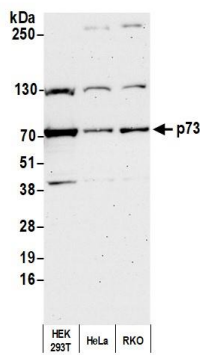
Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A300-126A>

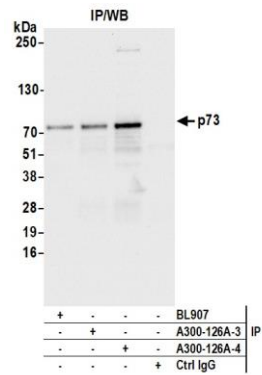
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: June 4, 2021



Detection of human p73 by western blot. *Samples:* Whole cell lysate (50 µg) from HEK293T, HeLa, and RKO cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-p73 antibody A300-126A (lot A300-126A-4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human p73 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-p73 antibody (A300-126A lot 4) used for IP at 6 µg per reaction. p73 was also immunoprecipitated by a previous lot of this antibody (A300-126A lot 3) and another antibody against a different epitope of p73 (BL907). For blotting immunoprecipitated p73, A300-126A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.