

# ARA70 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_005428.1

Catalog No. A302-272A

GeneID 8031

Lot No. A302-272A-6

**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 ARA70 immobilized on solid support.

The epitope recognized by A302-272A maps to a region between residue 564 and 614 of human 70 kDa AR-activator (nuclear receptor coactivator 4) using the numbering given in entry NP\_005428.1 (GeneID 8031).

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.

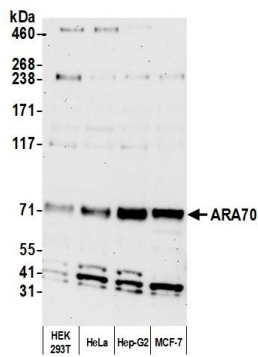
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

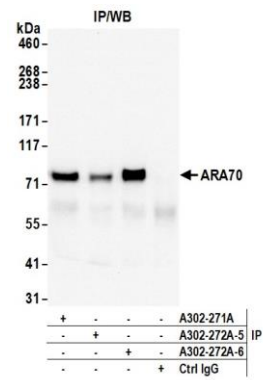
**ADDITIONAL INFO** <https://www.fortislife.com/p/A302-272A>

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

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: July 26, 2022



**Detection of human ARA70 by western blot.** *Samples:* Whole cell lysate (25 µg) from HEK293T, HeLa, Hep-G2, and MCF-7 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-ARA70 antibody (A302-272A lot 6) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human ARA70 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ARA70 antibody (A302-272A lot 6) used for IP at 6 µg per reaction. ARA70 was also immunoprecipitated by a previous lot of this antibody (A302-272A lot 5) and a second antibody against a different epitope of ARA70 (A302-271A). For blotting immunoprecipitated ARA70, A302-272A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.