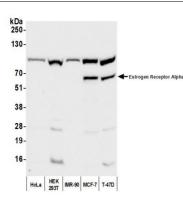
Estrogen Receptor Alpha Antibody



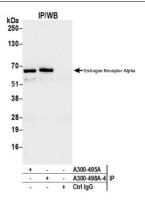
| Rabbit Polyclonal | | | | | |
|---------------------------|-----------------|--|------------|-------------------------------|--|
| Antigen Affinity Purified | | | RefSeq ID | NP_000116.2 | |
| Catalog No. | No. A300-498A-T | | Uniprot ID | P03372 | |
| Lot No. | 4 | | GenelD | 2099 | |
| APPLICATIONS | | WB, IP | | | |
| SPECIES REACTIVITY | | Human | | | |
| AMOUNT | | 10 μΙ | | | |
| 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 Estrogen Receptor Alpha immobilized on solid support. | | | |
| | | The epitope recognized by A300-498A-T maps to a region between residue 550 and the C- terminus (residue 595) of human Estrogen Receptor Alpha using the numbering given in SwissProt entry P03372 (GeneID 2099). | | | |
| | | Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4. | | | |
| 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 Immunoprecipi | | 000 – 1:10,000 g/mg lysate | |
| ADDITIONAL INFO | | https://www.fortislife.com/p/A300-498A-T 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: June 7, 2024

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Detection of human Estrogen Receptor Alpha by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, HEK293T, IMR-90, MCF-7, and T-47D cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Estrogen Receptor Alpha antibody (A300-498A lot 4) used for WB at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human Estrogen Receptor Alpha by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from MCF-7 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Estrogen Receptor Alpha antibody (A300-498A lot 4) used for IP at 6 µg per reaction. Estrogen Receptor Alpha was also immunoprecipitated by Estrogen Receptor Alpha (A300-495A). For blotting immunoprecipitated Estrogen Receptor Alpha, A300-498A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.