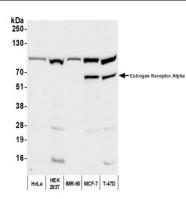
Estrogen Receptor Alpha Antibody



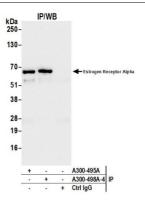
Rabbit Polyclonal					
Antigen Affinity Purified			RefSeq ID	NP_000116.2	
Catalog No.	Catalog No. A300-498A		Uniprot ID	P03372	
Lot No.	4		GenelD	2099	
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8°C / 1 year from date of 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 Estrogen Receptor Alpha immobilized on solid support.			
		The epitope recognized by A300-498A 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 Immunoprecipit		000 – 1:10,000 g/mg lysate	
ADDITIONAL INFO		https://www.fortislife.com/p/A300-498A 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.

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