

ErbB4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_005226.1

Catalog No. A300-666A

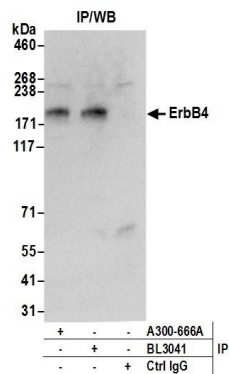
GeneID 2066

Lot No. A300-666A-2



APPLICATIONS	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 ErbB4 immobilized on solid support. The epitope recognized by A300-666A maps to a region between residues 1100 and 1150 of human v-erb-a erythroblastic leukemia viral oncogene homolog 4 using the numbering given in entry NP_005226.1 (GeneID 2066). 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 Not recommended. Use rabbit anti-ErbB4 antibody A300-667A. Immunoprecipitation 2 – 5 µg/mg lysate
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).
ADDITIONAL INFO	https://www.bethyl.com/product/A300-666A 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.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human ErbB4 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ErbB4 antibody A300-666A (lot A300-666A-2) used for IP at 3 µg per reaction. ErbB4 was also immunoprecipitated by rabbit anti-ErbB4 antibody BL3041. For blotting immunoprecipitated ErbB4, A300-666A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.