

CSB/ERCC6 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_000115.1

Catalog No. A301-347A

GeneID 2074

Lot No. A301-347A-1



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 CSB/ERCC6 immobilized on solid support.

The epitope recognized by A301-347A maps to a region between residue 1161 and 1211 of human Cockayne syndrome protein B (excision repair cross-complementing rodent repair deficiency, complementation group 6) using the numbering given in entry NP_000115.1 (GeneID 2074).

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-CSB/ERCC6 antibody A301-345A.

Immunoprecipitation 2 - 5 µg/mg lysate

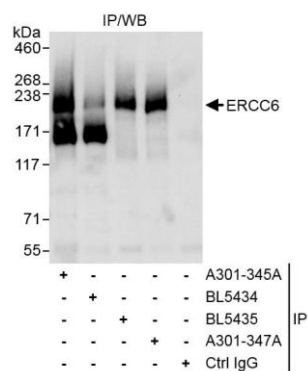
APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO <https://www.bethyl.com/product/A301-347A>

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 ERCC6 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-ERCC6 antibody A301-347A used for IP at 3 $\mu\text{g}/\text{mg}$ lysate. ERCC6 was also immunoprecipitated by rabbit anti-ERCC6 antibodies A301-345A, BL5434 and BL5435, which recognize upstream epitopes. For blotting immunoprecipitated ERCC6, A301-345A was used at 1 $\mu\text{g}/\text{ml}$. *Detection:* Chemiluminescence with an exposure time of 10 seconds.