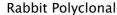
## CSB/ERCC6 Antibody



Antigen Affinity Purified Protein ID NP\_000115.1

Catalog No. A301-345A GeneID 2074

Lot No. A301-345A-2

APPLICATIONS WB, IP

SPECIES REACTIVITY Human

AMOUNT 100 μl

CONCENTRATION 200 μg/ml

STORAGE/SHELF LIFE 2 - 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

**BUFFER** Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

**PRODUCTION** Antibody was affinity purified using an epitope specific to CSB/ERCC6 immobilized on solid

**PROCEDURES** support.

The epitope recognized by A301-345A maps to a region between residue 1 and 50 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 1:1,000 - 1:5,000

Immunoprecipitation  $2 - 10 \mu g/mg$  lysate

ADDITIONAL INFO https://www.bethyl.com/product/A301-345A

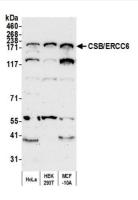
Use the link above to view SDS, a current list of citations, and other product specific information.

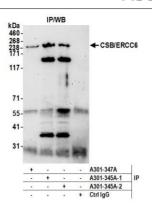
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: April 21, 2022





Detection of human CSB/ERCC6 by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, and MCF-10A cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CSB/ERCC6 antibody (A301-345A lot 2) used for WB at 0.2 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human CSB/ERCC6 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–CSB/ERCC6 antibody (A301–345A lot 2) used for IP at 6 μg per reaction. CSB/ERCC6 was also immunoprecipitated by a previous lot of this antibody (A301–345A lot 1) and a second antibody against a different epitope of CSB/ERCC6 (A301–347A). For blotting immunoprecipitated CSB/ERCC6, A301–345A was used at 0.04 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.