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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ESCO2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001017420.1

Catalog No. A301-689A

GeneID 157570

Lot No. A301-689A-3

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 ESCO2 immobilized on solid support.

The epitope recognized by A301-689A maps to a region between residue 200 and 250 of human establishment of cohesion 1 homolog 2 using the numbering given in entry NP_001017420.1 (GeneID 157570).

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 1:2,000 – 1:10,000

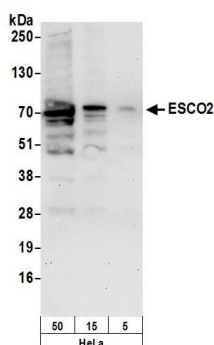
Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A301-689A>

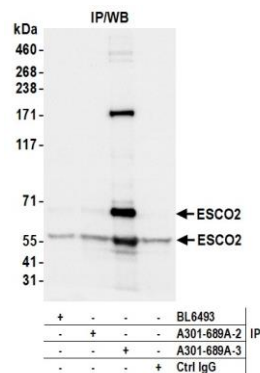
Use the link above to view SDS, a current list of citations, and other product specific information.

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: February 1, 2022



Detection of human ESCO2 by western blot. *Samples:* Whole cell lysate (50, 15, 5 μ g) from HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-ESCO2 antibody (A301-689A lot 3) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human ESCO2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 15 % of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-ESCO2 antibody (A301-689A lot 3) used for IP at 6 μ g per reaction. ESCO2 was also immunoprecipitated by a previous lot of this antibody (A301-689A lot 2) and a second antibody against a different epitope of ESCO2 (BL6493). For blotting immunoprecipitated ESCO2, A301-689A was used at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.