

CCDC131 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_659419.3

Catalog No. A301-457A

GeneID 196441

Lot No. A301-457A-3



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 PROCEDURES Antibody was affinity purified using an epitope specific to CCDC131 immobilized on solid support.

The epitope recognized by A301-457A maps to a region between residue 1939 and 1989 of human coiled-coil domain containing 131 using the numbering given in entry NP_659419.3 (GeneID 196441).

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

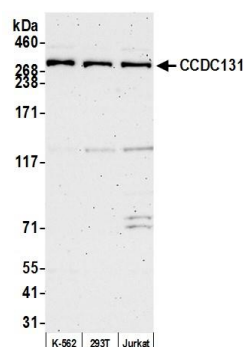
Immunoprecipitation 2 – 10 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A301-457A>

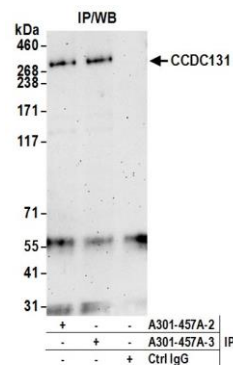
Use the link above to view SDS, a current list of citations, and other product specific information.

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: July 8, 2020



Detection of human CCDC131 by western blot. *Samples:* Whole cell lysate (50 μ g) from K-562, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-CCDC131 antibody A301-457A (lot A301-457A-3) used for WB at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human CCDC131 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from K-562 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-CCDC131 antibody A301-457A (lot A301-457A-3) used for IP at 6 μ g per reaction. CCDC131 was also immunoprecipitated by a previous lot of this antibody (lot A301-457A-2). For blotting immunoprecipitated CCDC131, A301-457A was used at 0.4 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.