## SYNE2/Nesprin 2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q8WXH0.3

Catalog No. A305-393A GeneID 23224

Lot No. A305-393A-1

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** Antibody was affinity purified using an epitope specific to SYNE2/Nesprin 2 immobilized on solid

**PROCEDURES** support.

The epitope recognized by A305-393A maps to a region between residue 4200 to 4250 of

human Nesprin-2 using the numbering given in entry Q8WXH0.3 (GeneID 23224).

Antibody 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 1:500 - 1:2,500

Immunoprecipitation 2 – 10 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 3-8% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

Western blot of lysates performed using standard western blot reagents and 3-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A305-393A

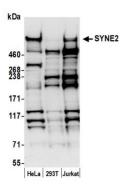
Use the link above to view SDS, a current list of citations, and other product specific information.

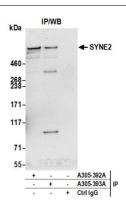
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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 SYNE2 by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SYNE2 antibody A305-393A (lot A305-393A-1) used for WB at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human SYNE2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SYNE2 antibody A305-393A (lot A305-393A-1) used for IP at 6 μg per reaction. SYNE2 was also immunoprecipitated by rabbit anti-SYNE2 antibody A305-392A. For blotting immunoprecipitated SYNE2, A305-393A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.