## SPECC1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_001028725.1

Catalog No. A302-412A GenelD 92521

Lot No. A302-412A-1

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 SPECC1 immobilized on solid support.

The epitope recognized by A302-412A maps to a region between residue 125 and 175 of human sperm antigen with calponin homology and coiled-coil domains 1 using the numbering given in

entry NP\_001028725.1 (GeneID 92521).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

**Immunoprecipitation** 

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

**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).

2 - 5 µg/mg lysate

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A302-412A

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

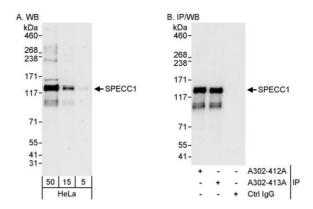
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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



**SPECC1 Antibody** 



Detection of human SPECC1 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-SPECC1 antibody A302-412A used for WB at 0.04 μg/ml (A) and 0.4 μg/ml (B) and used for IP at 3 μg/mg lysate. SPECC1 was also immunoprecipitated by rabbit anti-SPECC1 antibody A302-413A, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).