## STXBP1/MUNC18-1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P61764.1

Catalog No. A305-264A GenelD 6812

Lot No. A305-264A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Chicken,

**Bovine and Orangutan** 

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 STXBP1/MUNC18-1 immobilized on

**PROCEDURES** solid support.

The epitope recognized by A305-264A maps to a region between residue 544 to 594 of human

Syntaxin-binding protein 1 using the numbering given in entry P61764.1 (GeneID 6812).

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 Not recommended. Use rabbit anti-STXBP1/MUNC18-1 antibody

A305-263A.

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

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100-020),

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).

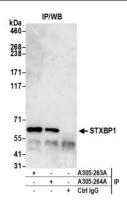
ADDITIONAL INFO https://www.bethyl.com/product/A305-264A

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 STXBP1 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-STXBP1 antibody A305-264A (lot A305-264A-1) used for IP at 6 μg per reaction. STXBP1 was also immunoprecipitated by rabbit anti-STXBP1 antibody A305-263A. For blotting immunoprecipitated STXBP1, A305-264A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.