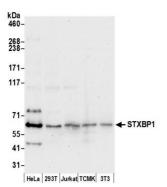
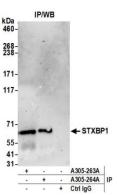
STXBP1/MUNC18-1 Antibody

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Rabbit Polyclonal			Ductoin ID				
Antigen Affinity Purified		Protein ID	P61764.1				
Catalog No.	A305-2		GenelD	6812		BETHYL	
Lot No.	A305-2	263A-1				LABORATORIES, INC	
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human, Mouse					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with 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 PROCEDURES		Antibody was affinity purified using an epitope specific to STXBP1/MUNC18-1 immobilized on solid support.					
		The epitope recognized by A305-263A maps to a region between residue 150 to 200 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	1:2	2,000 - 1:10,000			
		Immunoprecipi	tation 2 -	10 µg/mg lysate			
APPLICATION N	IOTES	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).					
		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.					
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A305–263A					
				PS, a current list of citations://www.bethyl.com/co		uct specific information. /B	

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

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Detection of human and mouse STXBP1 by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-STXBP1 antibody A305-263A (lot A305-263A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. 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 A305-263A (lot A305-263A-1) used for IP at 6 µg per reaction. STXBP1 was also immunoprecipitated by rabbit anti-STXBP1 antibody A305-264A. For blotting immunoprecipitated STXBP1, A305-263A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.