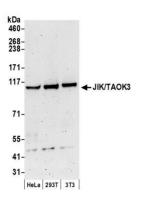
JIK/TAOK3 Antibody

Rabbit Polyclo Antigen Affini		h	Protein ID	NP_057365.2		
Catalog No. A300-!			GenelD	51347		
Lot No.		536A-3	Geneid	11211	LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human, Mouse				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat 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 JIK/TAOK3 immobilized on solid support.				
		The epitope recognized by A300-536A maps to a region between residue 850 and the C- terminus (residue 898) of human JNK/SAPK-Inhibitory Kinase (TAO kinase 3) using the numbering given in entry NP_057365.2 (GeneID 51347).				
APPLICATIONS		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.				
		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		
		Immunoprecip	itation 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 perfor	med using standard wes	ern blot reagents and 4-8% SDS-PAGE.	
ADDITIONAL INFO		https://www.bethyl.com/product/A300–536A				
		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

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Detection of human and mouse JIK/TAOK3 by western

blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-JIK/TAOK3 antibody A300-536A (lot A300-536A-3) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human JIK/TAOK3 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. *Antibody:* Affinity purified rabbit anti–JIK/TAOK3 antibody A300–536A (lot A300–536A– 3) used for IP at 6 µg per reaction. JIK/TAOK3 was also immunoprecipitated by a previous lot of this antibody (A300–536A–1) and rabbit anti–JIK/TAOK3 antibody A300–535A–1. For blotting immunoprecipitated JIK/TAOK3, A300–536A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.