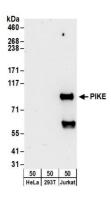
PIKE Antibody						
Rabbit Polyclon Antigen Affinity	d Protein	חו	NP_055585.1			
Catalog No. A304–262A				116986		
5	A304-2			110500		BETHYL
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse and Rat				
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		lgG				
ORIGIN		USA				
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to PIKE immobilized on solid support.				
		The epitope recognized by A304–262A maps to a region between residue 450 to 500 of human Phosphatidylinositol–3–kinase Enhancer using the numbering given in entry NP_055585.1 (GeneID 116986).				
		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		
		Immunoprecipitation	2 -	– 10 µg/mg lysate		
APPLICATION NO	DTES	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 INF	0	https://www.bethyl.com/product/A304–262A				
		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				

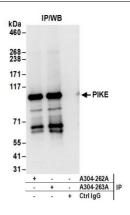
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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**Detection of human PIKE by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, and Jurkat cells. *Antibodies:* Affinity purified rabbit anti–PIKE antibody A304–262A (lot A304–262A–1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human PIKE by western blot of

**immunoprecipitates.** Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-PIKE antibody A304-262A (lot A304-262A-1) used for IP at 6  $\mu$ g per reaction. PIKE was also immunoprecipitated by rabbit anti-PIKE antibody A304-263A. For blotting immunoprecipitated PIKE, A304-262A was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.