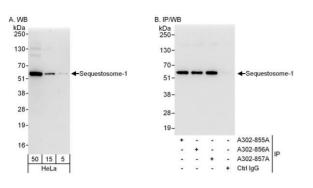
Sequestosome-1 Antibody

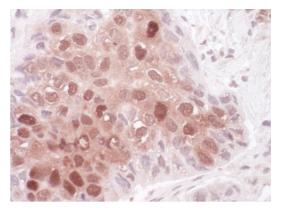
Rabbit Polyclo						
Antigen Affinity Purified			Protein ID	NP_003891.1		J -3∕ ▲
Catalog No. A302-856A		GenelD	8878		RETHVI	
Lot No.	A302-8	356A-1	LABORATORIES, INC			
APPLICATIONS		WB, IP, IHC				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat and Orangutan 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 Sequestosome–1 immobilized on solid support.				
		The epitope recognized by A302–856A maps to a region between residue 375 and 425 of human Sequestosome-1 using the numbering given in entry NP_003891.1 (GeneID 8878).				
		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	,000 - 1:10,000		
		Immunoprecipit	ation 2 –	5 µg/mg lysate		
		Immunohistoch		00 – 1:2,000. Epitope ret ommended for FFPE tissu		uffer pH 6.0 is
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 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).				
IHC HUMAN CONTROLS		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. Breast Carcinoma				
ADDITIONAL INFO		https://www.bethyl.com/product/A302-856A 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 Sequestosome-1 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-Sequestosome-1 antibody A302-856A used for WB at 0.1 µg/ml (A) and 0.4 µg/ml (B) and used for IP at 3 µg/mg lysate. Sequestosome-1 was also immunoprecipitated by rabbit anti-Sequestosome-1 antibodies A302-855A and A302-857A, which recognize other epitopes. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).



Detection of human Sequestosome-1 by

immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-Sequestosome-1 (Cat. No. A302-856A Lot1) used at a dilution of 1:1,000 (1µg/ml). Detection: Vector Laboratories ImmPACT NovaRED Peroxidase Substrate