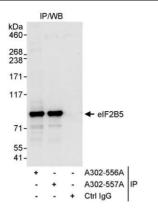
elF2B5 Antibody

Rabbit Polyclonal Antigen Affinity Purified Catalog No. A302–557A			otein ID neID	NP_003898.2 8893		
Lot No.	A302-	557A-1				
APPLICATIONS		IP, IHC				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rabbit				
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 eIF2B5 immobilized on solid support.				
PROCEDURES		The epitope recognized by A302–557A maps to a region between residue 550 and 600 of human eukaryotic translation initiation factor 2B, subunit 5 epsilon using the numbering given in entry NP_003898.2 (GeneID 8893).				
		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	No	t recommended. Use rabbit	anti-elF2B5 antibody A302-556A.	
		Immunoprecipitati	on 5-	15 µg/mg lysate		
		Immunohistochem	, -	500 – 1:2,000. Epitope retrie commended for FFPE tissue	eval with citrate buffer pH 6.0 is sections.	
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 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).				
IHC HUMAN CONTROLS Brea		Breast Carcinoma, (Breast Carcinoma, Ovarian Carcinoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A302-557A 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				

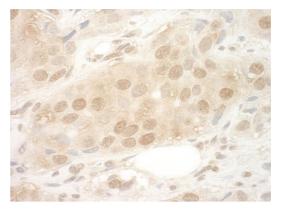
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human eIF2B5 by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti–eIF2B5 antibody A302–557A used for IP at 10 μ g/mg lysate. eIF2B5 was also immunoprecipitated by rabbit anti–eIF2B5 antibody A302–556A, which recognizes an upstream epitope. For blotting immunoprecipitated eIF2B5, A302–556A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.



Detection of human elF2B5 by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-elF2B5 (Cat. No. A302-557A) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB