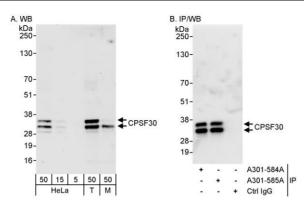
## **CPSF30** Antibody

Rabbit Polyclo		• •			and the second s	
Antigen Affinity Purified			Protein ID	NP_006684.1		
Catalog No.	Catalog No. A301–584A		GeneID 10898		RETUVI	
Lot No.	A301-	584A-1				
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human, Mouse				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat				
AMOUNT		100 μΙ				
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 CPSF30 immobilized on solid support.				
		The epitope recognized by A301–584A maps to a region between residue 220 and 245 of human cleavage and polyadenylation specific factor 4, 30kD subunit using the numbering given in entry NP_006684.1 (GeneID 10898).				
		Immunoglobulin 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		
		Immunoprecipita	ation 2 -	5 µg/mg lysate		
APPLICATION N	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).				
		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.				
ADDITIONAL IN	NFO	https://www.bethyl.com/product/A301–584A				
		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 CPSF30 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50  $\mu$ g) and mouse NIH 3T3 (M; 50  $\mu$ g) cells. Antibodies: Affinity purified rabbit anti-CPSF30 antibody A301-584A used for WB at 0.4  $\mu$ g/ml (A) and used for IP at 3  $\mu$ g/mg lysate. CPSF30 was also immunoprecipitated by rabbit anti-CPSF30 antibody A301-585A, which recognizes a downstream epitope. For blotting immunoprecipitated CPSF30, A301-585A was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).

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