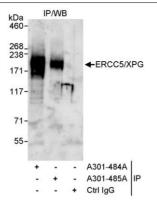
ERCC5/XPG Antibody



Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	NP_000114.2	
Catalog No.	A301-	485A-T	GenelD	2073	
Lot No.	A301-	85A-T-1			
APPLICATIONS		IP			
SPECIES REACTIVITY		Human			
AMOUNT		10 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 ERCC5/XPG immobilized on solid support.			
		The epitope recognized by A301-485A-T maps to a region between residue 1136 and 1186 of human excision repair cross-complementing rodent repair deficiency, complementation group 5 (xeroderma pigmentosum, complementation group G (Cockayne syndrome)) using the numbering given in entry NP_000114.2 (GeneID 2073).			
		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	No	t recommended. Use rabbit anti-ERCC5/XPG antibody A301-484A.	
		Immunoprecip	itation 2 -	- 5 μg/mg lysate	
ADDITIONAL INFO		https://www.bethyl.com/product/A301-485A-T			
		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. Michael Spencer, PhD Date: June 6, 2022

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Detection of human ERCC5/XPG 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-ERCC5/XPG antibody A301-485A used for IP at 3 µg/mg lysate. ERCC5/XPG was also immunoprecipitated by rabbit anti-ERCC5/XPG antibody A301-484A, which recognizes an upstream epitope. For blotting immunoprecipitated ERCC5/XPG, A301-485A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.