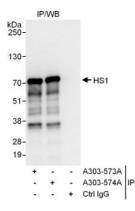
HS1 Antibody						
Rabbit Polyclonal						
Antigen Affinity Purified			Protein ID	NP_005326.2		
Catalog No.	A303-5	573A	GenelD	3059		RETUVI
Lot No.	A303-5	573A-1				LABORATORIES, INC
APPLICATIONS		IP				
SPECIES REACTIVITY		Human				
AMOUNT		100 µl				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		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 HS1 immobilized on solid support.				
		The epitope recognized by A303–573A maps to a region between residue 300 and 350 of human Hematopoietic Cell-specific Lyn Substrate 1 using the numbering given in entry NP_005326.2 (GeneID 3059).				
		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	Not	trecommended		
		Immunoprecipi	tation 2 –	10 µg/mg lysate		
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).				
ADDITIONAL INFO		https://www.bethyl.com/product/A303-573A				
		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 HS1 by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from Jurkat cells. *Antibodies:* Affinity purified rabbit anti-HS1 antibody A303-573A used for IP at 6  $\mu$ g/mg lysate. HS1 was also immunoprecipitated by rabbit anti-HS1 antibody A303-574A, which recognizes a downstream epitope. For blotting immunoprecipitated HS1, A303-574A was used at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.