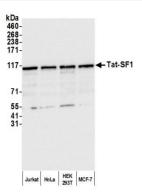
## Tat-SF1 Antibody

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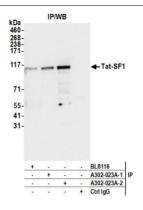
Rabbit Polyclo	nal			
Antigen Affinity Purified		Protein ID	NP_055315.2	
Catalog No.	A302-	023A GenelD 27336		
Lot No.	A302-	023A-2		
APPLICATIONS		WB, IP		
SPECIES REACTIVITY Human		Human		
PRESUMED REACTIVITY Based on 100%		sequence ider	ntity, this antibody is predicted to react with Orangutan	
AMOUNT		100 µl		
CONCENTRATION 1000 µg/ml		1000 µg/ml		
STORAGE/SHELF LIFE 2 - 8°C / 1 year from date of receipt		receipt		
PHYSICAL STATE Liquid				
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide			
ISOTYPE IgG				
ORIGIN		USA		
PRODUCTIONAntibody was affinity purified using an epitope specific to Tat-SF1 immobilized on solidPROCEDURESsupport.		using an epitope specific to Tat-SF1 immobilized on solid		
		The epitope recognized by A302–023A maps to a region between residue 375 and 425 of human HIV–1 Tat specific factor 1 using the numbering given in entry NP_055315.2 (GeneID 27336).		
		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.		
APPLICATIONS	ATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determine experimentally by the investigator. Prepare working dilution immediately before use.			
		Western Blot	1:2	,000 - 1:10,000
		Immunoprecipi	tation 2 -	10 µg/mg lysate
ADDITIONAL INFO		https://www.be	thyl.com/prod	duct/A302-023A
		Use the link above to view SDS, a current list of citations, and other product specific information.		
		IP-western blot	protocol: http	s://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: March 18, 2022

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**Detection of human Tat-SF1 by western blot.** *Samples:* Whole cell lysate (10  $\mu$ g) from Jurkat, HeLa, HEK293T, and MCF-7 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Tat-SF1 antibody (A302-023A lot 2) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human Tat-SF1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Tat-SF1 antibody (A302-023A lot 2) used for IP at 6  $\mu$ g per reaction. Tat-SF1 was also immunoprecipitated by a previous lot of this antibody (A302-023A lot 1) and a second antibody against a different epitope of Tat-SF1 (BL8116). For blotting immunoprecipitated Tat-SF1, A302-023A was used at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

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