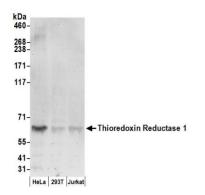
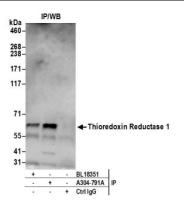
Thioredoxin Reductase 1/TXNRD1/TRXR1 Antibodv

Thioredoxin Reductase 1/TXNRD1/TRXR1 Antibody						
Rabbit Polyclonal Antigen Affinity Purified		rotein ID	Q16881			
Catalog No. A304–791A		enelD	7296		DETUVI	
Lot No. A304–2	791A-1				LABORATORIES, INC	
APPLICATIONS	WB, 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 Thioredoxin Reductase 1/TXNRD1/TRXR1 immobilized on solid support.					
	The epitope recognized by A304-791A maps to a region between residue 125 to 175 of human Thioredoxin reductase 1 using the numbering given in entry Q16881 (GeneID 7296).					
	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 shou experimentally by the investigator. Prepare working dilution immediately be						
	Western Blot	1:2,	,000 - 1:10,000			
	Immunoprecipitat	ion 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 4–8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).					
	Western blot of lysates performed using standard western blot reagents and 4–8% SDS-PA					
ADDITIONAL INFO	https://www.bethy	https://www.bethyl.com/product/A304–791A				
	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 Thioredoxin Reductase 1 by western **blot.** Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Thioredoxin Reductase 1 antibody A304-791A (lot A304-791A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

Detection of human Thioredoxin Reductase 1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Thioredoxin Reductase 1 antibody A304–791A (lot A304–791A–1) used for IP at 6 µg per reaction. Thioredoxin Reductase 1 was also immunoprecipitated by rabbit anti-Thioredoxin Reductase 1 antibody BL18351. For blotting immunoprecipitated Thioredoxin Reductase 1, A304-791A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

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