

HSFX1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_057237.1

Catalog No. A304-091A

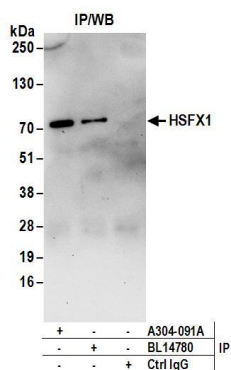
GeneID 100506164

Lot No. A304-091A-1



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	<p>Antibody was affinity purified using an epitope specific to HSF1 immobilized on solid support.</p> <p>The epitope recognized by A304-091A maps to a region between residue 1 to 50 of human Heat Shock Transcription Factor Family, X Linked 1 using the numbering given in entry NP_057237.1 (GeneID 100506164).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>				
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>Not recommended. A304-091A has not performed satisfactorily when used for WB of HSF1 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of HSF1.</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr></table>	Western Blot	Not recommended. A304-091A has not performed satisfactorily when used for WB of HSF1 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of HSF1.	Immunoprecipitation	2 – 10 µg/mg lysate
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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	<p>https://www.bethyl.com/product/A304-091A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</p>				

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



Detection of human HSFX1 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-HSFX1 antibody A304-091A (lot A304-091A-1) used for IP at 6 µg/mg lysate. HSFX1 was also immunoprecipitated by rabbit anti-HSFX1 antibody BL14780. For blotting immunoprecipitated HSFX1, A304-091A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.