IRAK1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_001560.2

Catalog No. A303-744A GeneID 3654

Lot No. A303-744A-1

APPLICATIONS WB, IP
SPECIES REACTIVITY Human
AMOUNT 100 μI

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 IRAK1 immobilized on solid support.

The epitope recognized by A303-744A maps to a region between residue 662 and 712 of human Interleukin-1 Receptor-Associated Kinase 1 using the numbering given in entry NP_001560.2

(GeneID 3654).

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 1:2,000 - 1:10,000 Immunoprecipitation 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-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A303-744A

Use the link above to view SDS, a current list of citations, and other product specific information.

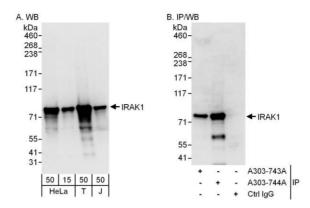
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 IRAK1 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g) and Jurkat (J; 50 μ g) cells. Antibodies: Affinity purified rabbit anti–IRAK1 antibody A303–744A used for WB at 0.1 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 6 μ g/mg lysate. IRAK1 was also immunoprecipitated by rabbit anti–IRAK1 antibody A303–743A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A and B).