

EGR1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_031939.1

Catalog No. A303-390A

GeneID 13653

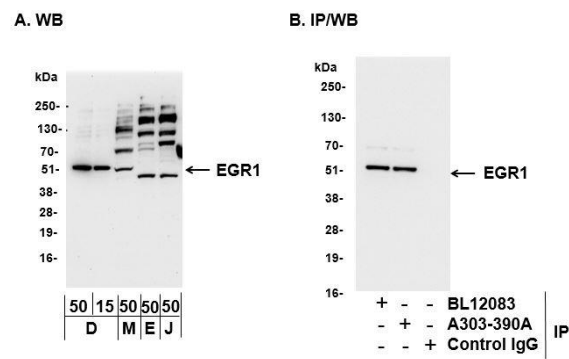
Lot No. A303-390A-1



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine
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 EGR1 immobilized on solid support. The epitope recognized by A303-390A maps to a region between residue 1 and 50 of mouse Early Growth Response Protein 1 using the numbering given in entry NP_031939.1 (GeneID 13653). 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 1:1,000 – 1:5,000 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A303-390A 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



Detection of human and mouse EGR1 by western blot (h and m) and immunoprecipitation (m). *Samples:* Whole cell lysate from mouse bone marrow dendritic (D; 50 and 15 μ g for WB; 1 mg for IP, 20% of IP loaded), NIH 3T3 (M; 50 μ g), human erythroleukemia (E; 50 μ g), and Jurkat (J; 50 μ g) cells. *Antibodies:* Affinity purified rabbit anti-EGR1 antibody A303-390A used for WB at 0.4 μ g/ml (A) and 1 μ g/ml (B) and used for IP at 6 μ g/mg lysate. EGR1 was also immunoprecipitated by rabbit anti-EGR1 antibody BL12083, which recognizes a disparate epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 1 second (B).