

HIF1- α Antibody

Goat Polyclonal

Antigen Affinity Purified

Protein ID NP_001521.1

Catalog No. A303-907A

GeneID 3091

Lot No. A303-907A-1



APPLICATIONS	IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Chicken and Bovine
AMOUNT	100 μ l
CONCENTRATION	1000 μ g/ml
STORAGE/SHELF LIFE	2 - 8 $^{\circ}$ 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 HIF1- α immobilized on solid support.

The epitope recognized by A303-907A maps to a region between residue 776 and 826 of human Hypoxia-Inducible Factor 1, Alpha Subunit using the numbering given in entry NP_001521.1 (GeneID 3091).

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 Not recommended

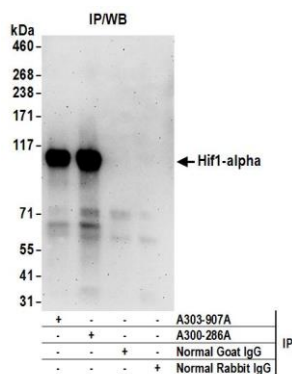
Immunoprecipitation 2 - 10 μ g/mg lysate

APPLICATION NOTES Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A303-907A>

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

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 HIF1-alpha by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HEK293T cells treated with 200 μ M cobalt chloride (overnight). *Antibodies:* Affinity purified goat anti-HIF1-alpha antibody A303-907A (lot A303-907A-1) used for IP at 6 μ g/mg lysate. HIF1-alpha was also immunoprecipitated by rabbit anti-HIF1-alpha antibody A300-286A. For blotting immunoprecipitated HIF1-alpha, A300-286A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.