

# IKK- $\alpha$ Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_001269.3

Catalog No. A301-934A-T

GeneID 1147

Lot No. A301-934A-T-1

**APPLICATIONS** IP

**SPECIES REACTIVITY** Human

**PRESUMED REACTIVITY** Based on 100% sequence identity, this antibody is predicted to react with Bovine

**AMOUNT** 10  $\mu$ l

**CONCENTRATION** 1000  $\mu$ g/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 IKK- $\alpha$  immobilized on solid support.

The epitope recognized by A301-934A-T maps to a region between residue 550 and 600 of human I- $\kappa$ B kinase- $\alpha$  using the numbering given in entry NP\_001269.3 (GeneID 1147).

Immunoglobulin 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. Use rabbit anti-IKK- $\alpha$  antibody A301-933A.

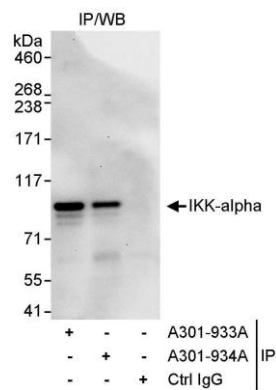
Immunoprecipitation 2 - 5  $\mu$ g/mg lysate

**ADDITIONAL INFO** <https://www.bethyl.com/product/A301-934A-T>

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](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.  
Michael Spencer, PhD Date: June 6, 2022



**Detection of human IKK- $\alpha$  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-IKK- $\alpha$  antibody A301-934A used for IP at 3  $\mu$ g/mg lysate. IKK- $\alpha$  was also immunoprecipitated by rabbit anti-IKK- $\alpha$  antibody A301-933A, which recognizes an upstream epitope. For blotting immunoprecipitated IKK- $\alpha$ , A301-933A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.