## Phospho RelA (S468) Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_068810.2

Catalog No. A302-064A GenelD 5970

Lot No. A302-064A-3

APPLICATIONS WB, IHC

SPECIES REACTIVITY Human, Mouse

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 Ant

**PRODUCTION** Antibody was affinity purified using an epitope specific to Phospho RelA (S468) immobilized on solid support.

The epitope recognized by A302-064A maps to a region of human v-rel reticuloendotheliosis viral oncogene homolog A surrounding serine 468 when serine 468 is phosphorylated using the

numbering given in entry NP 068810.2 (GeneID 5970).

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 1:2,000 – 1:10,000 Immunoprecipitation Not recommended

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with Tris-EDTA pH 9.0 is

recommended for FFPE tissue sections.

**APPLICATION NOTES** Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.

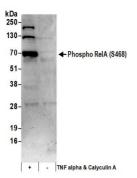
IHC HUMAN CONTROLS Breast Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Stomach Adenocarcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A302-064A

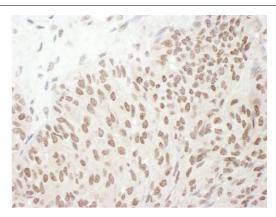
Use the link above to view SDS, a current list of citations, and other product specific information.

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 24, 2019

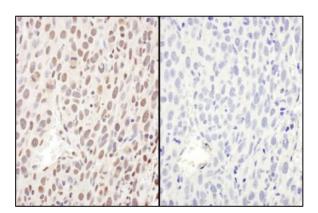




Detection of human Phospho RelA (S468) by western blot. Samples: Whole cell lysate (50  $\mu$ g) from Jurkat cells treated with TNF alpha and Calyculin A (+) or mock treated (-). Antibodies: Affinity purified rabbit anti-Phospho RelA (S468) antibody A302-064A (lot A302-064A-3) used for WB at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Detection of human Phospho RelA (S468) by immunohistochemistry. *Sample:* FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-Phospho RelA (S468) (Cat. No. A302-064A Lot3) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB. *Counterstain:* IHC Hematoxylin (blue).



Detection of mouse Phospho RelA (S468) by immunohistochemistry. Samples: FFPE sections of mouse renal cell carcinoma. Mock phosphatase treated section (left) and calf intestinal phosphatase–treated section (right). Antibody: Affinity purified rabbit anti– Phospho RelA (S468) (Cat. No. A302–064A Lot2) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB