Leukotriene A4 Hydrolase/LTA4H Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P09960.2

Catalog No. A305-006A GeneID 4048

Lot No. A305-006A-1

APPLICATIONS WB. IP SPECIES REACTIVITY Human **AMOUNT** 100 ul

CONCENTRATION $1000 \mu g/ml$

STORAGE/SHELF LIFE 2 - 8° C / 1 year from date of receipt

PHYSICAL STATE

BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ISOTYPE IgG **ORIGIN USA**

PRODUCTION

Antibody was affinity purified using an epitope specific to Leukotriene A4 Hydrolase/LTA4H **PROCEDURES** immobilized on solid support.

> The epitope recognized by A305-006A maps to a region between residue 561 to 611 of human Leukotriene A-4 hydrolase using the numbering given in entry P09960.2 (GenelD 4048).

> 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. \$100-020),

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.

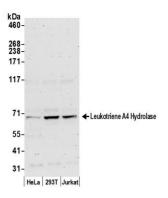
ADDITIONAL INFO https://www.bethyl.com/product/A305-006A

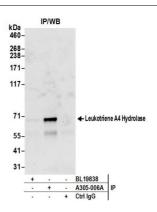
Use the link above to view SDS, a current list of citations, and other product specific information.

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 Leukotriene A4 Hydrolase by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Leukotriene A4 Hydrolase antibody A305-006A (lot A305-006A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human Leukotriene A4 Hydrolase by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Leukotriene A4 Hydrolase antibody A305-006A (lot A305-006A-1) used for IP at 6 µg per reaction. Leukotriene A4 Hydrolase was also immunoprecipitated by rabbit anti-Leukotriene A4 Hydrolase antibody BL19838. For blotting immunoprecipitated Leukotriene A4 Hydrolase, A305-006A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.