

# Leukotriene A4 Hydrolase / LTA4H Antibody, Rabbit PAb, Antigen Affinity Purified

Catalog Number: 10276-RP02



Sino Biological  
Biological Solution Specialist

## GENERAL INFORMATION

<b>Immunogen:</b>	Recombinant Human Leukotriene A4 Hydrolase / LTA4H protein (Catalog#10276-H08B)
<b>Preparation</b>	Produced in rabbits immunized with purified, recombinant Human Leukotriene A4 Hydrolase / LTA4H (rh Leukotriene A4 Hydrolase / LTA4H; Catalog#10276-H08B; NP_000886.1; Met 1-Asp 611). Leukotriene A4 Hydrolase / LTA4H specific IgG was purified by Human Leukotriene A4 Hydrolase / LTA4H affinity chromatography.
<b>Ig Type:</b>	Rabbit IgG
<b>Specificity:</b>	Human Leukotriene A4 Hydrolase / LTA4H
<b>Formulation:</b>	0.2 µm filtered solution in PBS
<b>Storage:</b>	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

## APPLICATIONS

<b>Applications:</b>	WB, ELISA, IP
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## RECOMMENDED CONCENTRATION

<b>Western Blot</b>	WB: 1:500-1:2000
<b>Immunoprecipitation</b>	IP: 2-4 µL/mg of lysate
<b>ELISA</b>	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human LTA4H.

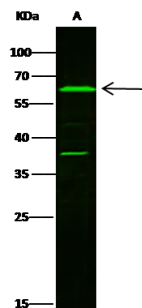
**Please Note: Optimal concentrations/dilutions should be determined by the end user.**

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Anti-LTA4H rabbit polyclonal antibody at 1:500 dilution

Lane A: A549 Whole Cell Lysate

Lysates/proteins at 60 µg per lane.

Secondary

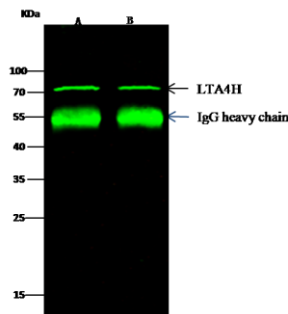
Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.

Developed using the Odyssey technique.  
Performed under reducing conditions.

Predicted band size: 70 kDa

Observed band size: 63 kDa

(We are unsure as to the identity of these extra bands.)



LTA4H was immunoprecipitated using:

Lane A: 0.5 mg Hela Whole Cell Lysate

Lane B: 0.5 mg 293T Whole Cell Lysate

2 µL anti-LTA4H rabbit polyclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:

Anti-LTA4H rabbit polyclonal antibody, at 1:200 dilution

Secondary antibody:

Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odssey technique.  
Performed under reducing conditions.

Predicted band size: 69 kDa

Observed band size: 69 kDa