

# Anti-Leukotriene A4 Hydrolase/LTA4H antibody



Catalog Number: 102576

## Product name

Anti-Leukotriene A4 Hydrolase/LTA4H antibody

## Immunogen

[Mouse Leukotriene A4 Hydrolase/LTA4H \(His Tag\) recombinant protein](#)

## Specificity

Mouse LTA4H / LTA4 Hydrolase

## Antibody description

Rabbit polyclonal to Leukotriene A4 Hydrolase/LTA4H

## Preparation

Produced in rabbits immunized with purified, recombinant Mouse LTA4H / LTA4 Hydrolase (rM LTA4H; NP\_032543.2; Met 1-Asp 611). LTA4H specific IgG was purified by mouse LTA4H affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS with 5% trehalose

## Storage

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.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, WB, IP

## Dilutions

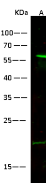
WB: 10-20 µg/mL

ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect Mouse LTA4H. The detection limit for Mouse LTA4H is 0.0049 ng/well.

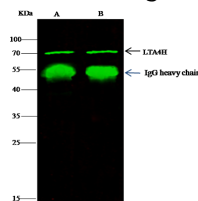
IP: 1-4 µg/mg of lysate

## Validations



Items	Lanes	A
Sample (whole cell lysate)		293T
Sample Volume (µg/lane)		30
Gel		13% SDS-PAGE reducing gel
Recommended Concentration		10-20 µg/ml
Secondary Antibody		Dylight 800-labeled Antibody To Rabbit IgG (H+L), at 1:5000 dilution.
Explanation		Developed using Odyssey imaging system. Predicted band size : 69 kDa Observed band size : 57 kDa Additional bands at : 20 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).

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



Items	Lanes	A	B
Sample (whole cell lysate)		Hela	293T
Sample quantity		0.5 mg	
IP antibody quantity		2 µg	
Protein G agarose		15 µl of 50% Protein G Agarose	
Gel		13% SDS-PAGE reducing gel	
Primary antibody		mLTA4H antibody at 5 µg/ml	
Secondary antibody		Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.	

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