Leukotriene A4 Hydrolase Antibody, Rabbit PAb, Antigen Affinity Purified

Catalog Number: **201482-T46**

GENERAL INFORMATION	
Immunogen:	E. coli-derived Human Leukotriene A4 Hydrolase fragment
Preparation	Produced in rabbits immunized with E. coli-derived Human Leukotriene A4 Hydrolase fragment, and purified by antigen affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human Leukotriene A4 Hydrolase
Formulation:	PBS, pH7.0 with 0.03% Proclin300
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Avoid repeated freeze-thaw cycles.
Alternative Names:	LTA4H
APPLICATIONS	
Applications:	WB, IHC-P, ICC/IF, IP
RECOMMENDED CONCENTRATION	
IHC-P	IHC-P: 1:200-1:1000
ICC/IF	ICC/IF: 1:100-1:500
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP:1-5μL/mg of lysate

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

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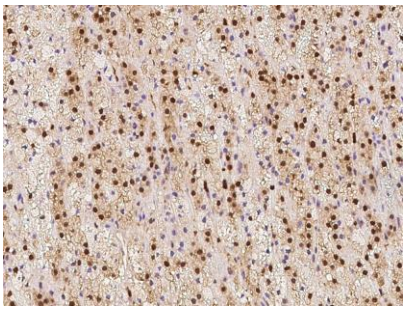
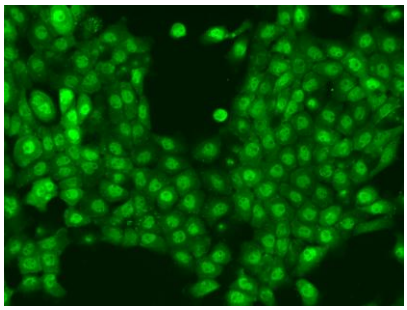
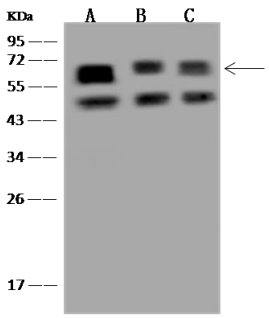


Immunochemical staining of human LTA4H in human adrenal gland with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



Immunofluorescence staining of LTA4H in A431 cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human LTA4H polyclonal antibody (dilution ratio 1:200) at 4℃ overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.

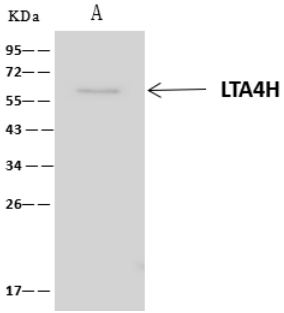


Anti-LTA4H rabbit polyclonal antibody at 1:500 dilution
Lane A: HeLa Whole Cell Lysate
Lane B: A549 Whole Cell Lysate
Lane C: HepG2 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.
Secondary
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size:69 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

4 µL anti-LTA4H rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:
Anti-LTA4H rabbit polyclonal antibody,at 1:100 dilution

Secondary antibody:
Clean-Blot IP Detection Reagent (HRP) at 1:1000dilution

Developed using the ECL technique.
Performed under reducing conditions.

Predicted band size: 50 kDa
Observed band size :60 kDa