

## Rabbit LTA4H Polyclonal Antibody | anti-LTA4H antibody

LTA4H Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA169114</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

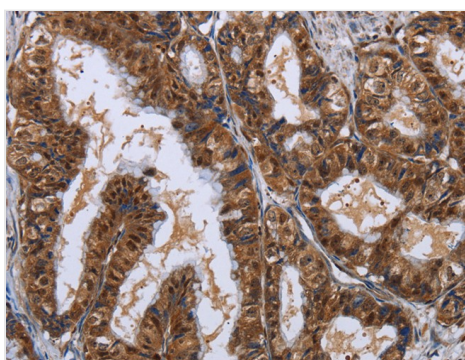
### PRODUCT SYNONYMS

LTA4H; Polyclonal Antibody; LTA4H Polyclonal Antibody; anti-LTA4H antibody

### PRODUCT SPECIFICATIONS

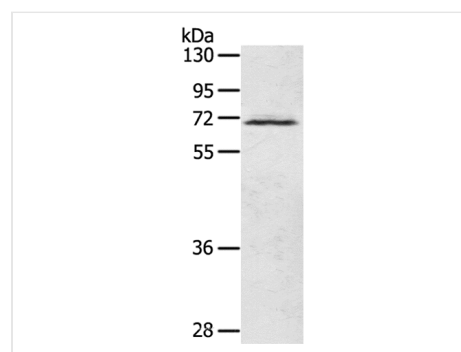
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 1.5mg/mL (varies by lot)                                                                  |
| Sequence Length                                 | 587                                                                                       |
| Applicable Applications for anti-LTA4H antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                       | Recombinant protein of human LTA4H                                                        |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer using LTA4H Polyclonal Antibody at dilution of 1:30



#### WB (Western Blot)

Western Blot analysis of Human fetal brain tissue using LTA4H Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-LTA4H antibody | LTA4H (Leukotriene A4-hydrolase) is a Zn2+-containing enzyme with both epoxide hydrolase and aminopeptidase activity. As an epoxide hydrolase, LTA4H catalyzes the hydration of LTA4 to leukotriene B4 (LTB4, 5S, 12R-dihydroxy-6, 14-cis-8, 10-trans-eicosatetraenoic acid), a potent lipid chemoattractant that influences inflammation, immune responses, and host defense against infection. As an aminopeptidase, LTA4H catalyzes the cleavage of amides of para-nitroaniline. The human LTA4H gene encodes a 610 amino acid protein. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 375331879                                  |
| NCBI GeneID                      | 4048                                       |
| NCBI Accession #                 | NP_001243572.1                             |
| NCBI GenBank Nucleotide #        | NM_001256643.1                             |
| Molecular Weight                 | 66,852 Da                                  |
| NCBI Official Full Name          | leukotriene A-4 hydrolase isoform 2        |
| NCBI Official Synonym Full Names | leukotriene A4 hydrolase                   |
| NCBI Official Symbol             | LTA4H                                      |
| NCBI Protein Information         | leukotriene A-4 hydrolase; LTA-4 hydrolase |
| UniProt Protein Name             | Leukotriene A-4 hydrolase                  |
| UniProt Gene Name                | LTA4H                                      |
| UniProt Synonym Gene Names       | LTA4; LTA-4 hydrolase                      |
| UniProt Entry Name               | LKHA4_HUMAN                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/lta4h-antibody-immunohistochemistry-western-blot-elisa/169114>