

## **Product datasheet for TA364877S**

## Leukotriene A4 hydrolase (LTA4H) Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB: 500-2000

WB positive control: TM4 cells

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Fusion protein of human LTA4H

**Formulation:** pH7.4 PBS, 0.05% NaN3, 40% Glycerol

**Purification:** Antigen affinity purification

Conjugation: Unconjugated Storage: Store at -20°C.

Stability: 1 year
Predicted Protein Size: 69 kDa

Gene Name: leukotriene A4 hydrolase

Database Link: Entrez Gene 4048 Human

P09960

Background: 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.

Synonyms: LTA4



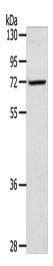
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## **Product images:**



Gel: 8%SDS-PAGE Lysate: 40 μg Lane: TM4 cells

Primary antibody: [TA364877] (LTA4H Antibody)

at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution

Exposure time: 20 seconds