

Datasheet for ABIN2785675  
**anti-LTA4H antibody (N-Term)**



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2 Images

## Overview

Quantity:	100 µL
Target:	LTA4H
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LTA4H antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LTA4H
Sequence:	IVIEISFETS PKSSALQWLT PEQTSKGKEHP YLFSQCQAIH CRAILPCQDT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against LTA4H. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	LTA4H
Alternative Name:	LTA4H ( <a href="#">LTA4H Products</a> )

## Target Details

Background:	LTA4H hydrolyzes an epoxide moiety of leukotriene A4 (LTA-4) to form leukotriene B4 (LTB-4). The enzyme also has some peptidase activity. Alias Symbols: - Protein Interaction Partner: UBC, ZNF593, SIRT1, TINF2, SIRT7, ELAVL1, HDAC5, UBA5, DDA1, ARPC3, TMEM62, MCC, GH1, Protein Size: 611
Molecular Weight:	69 kDa
Gene ID:	4048
NCBI Accession:	<a href="#">NM_000895</a> , <a href="#">NP_000886</a>
UniProt:	<a href="#">P09960</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 611 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

**Image 1. WB Suggested Anti-LTA4H Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:312500

**Positive Control:** U937 cell lysate



Rabbit Anti-LTA4H Antibody  
Catalog Number: ARP54367  
Lot Number: QC30296  
Lane: U937 Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 12%

Western Blotting

**Image 2.** WB Suggested Anti-LTA4H

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500

Positive Control: U937 cell lysate