

Recombinant Leukotriene A4 Hydrolase Monoclonal Antibody

catalog number: E-AB-81478

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

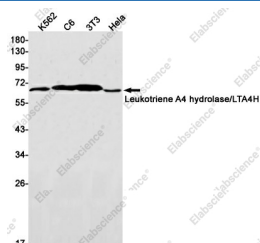
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Leukotriene A4 hydrolase
Host	Rabbit
Isotype	Rabbit IgG
Clone	C123264
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Recommended Dilution

WB	1:2000-1:3000
IHC	1:50-1:100

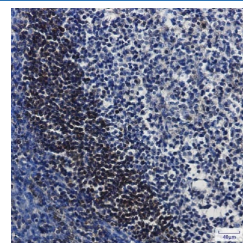
Data



Western blot detection of Leukotriene A4 hydrolase/LTA4H in K562,C6,3T3,Hela cell lysates using Leukotriene A4 hydrolase/LTA4H Rabbit mAb(1:1000 diluted).Predicted band size:69kDa.Observed band size:69kDa.

Observed-MW:69 kDa

Calculated-MW:69 kDa



Immunohistochemistry of Leukotriene A4 hydrolase in paraffin-embedded Human tonsil using Leukotriene A4 hydrolase Rabbit mAb at dilution 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

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