

LTA4H Recombinant Rabbit mAb

Catalog # AP96375

Product Information

Application	WB
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG/Kappa
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the peptidase M1 family.
SUBUNIT	Monomer.
Post-translational modifications	Phosphorylation at Ser-416 inhibits enzymatic activity.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Leukotrienes are a group of bioactive compounds which play important roles in immediate hypersensitivity reactions and inflammation. Leukotriene A4 hydrolase hydrolyzes an epoxide moiety of leukotriene A4 (LTA4) to form leukotriene B4 (LTB4). The enzyme also has some peptidase activity.

Additional Information

Other Names	LKHA4_HUMAN; LTA4H; LTA-4 hydrolase; Leukotriene A(4) hydrolase; Tripeptide aminopeptidase LTA4H; 3.3.2.6; LTA4; LKHA4_RAT; leukotriene A4 hydrolase
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	LTA4H Recombinant Rabbit mAb
Function	Epoxide hydrolase that catalyzes the final step in the biosynthesis of the proinflammatory mediator leukotriene B4. Has also aminopeptidase activity.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.