

Rabbit LTA4H Polyclonal Antibody | anti-LTA4H antibody

LTA4H Antibody

CATALOG # AAA326720	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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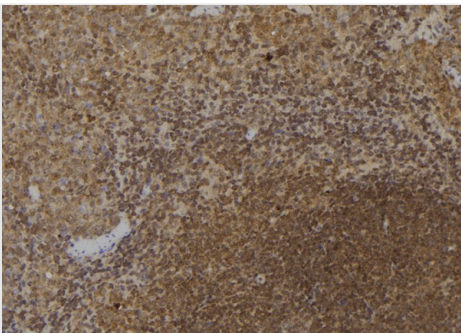
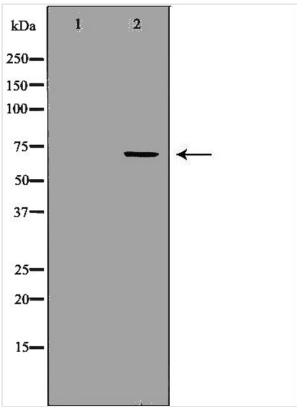
PRODUCT SYNONYMS

LTA4H; Polyclonal Antibody; LTA4H Antibody; FLJ17564; Leukotriene A(4) hydrolase; Leukotriene A-4 hydrolase; Leukotriene A4 hydrolase; LKHA4_HUMAN; LTA-4 hydrolase; LTA4; LTA4 hydrolase; anti-LTA4H antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LTA4H antibody detects endogenous levels of total LTA4H
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	611
Applicable Applications for anti-LTA4H antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LTA4H
Subcellular Location	Cytoplasm.
Tissue Specificity	Isoform 1 and isoform 2 are expressed in monocytes, lymphocytes, neutrophils, reticulocytes, platelets and fibroblasts.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (86%), Bovine (86%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (86%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326720 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of Hela whole cell lysates, using LTA4H Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LTA4H antibody	Function: Epoxide hydrolase that catalyzes the final step in the biosynthesis of the proinflammatory mediator leukotriene B4. Has also aminopeptidase activity. Subunit Structure: Monomer. Post-translational Modifications: Phosphorylation at Ser-416 inhibits enzymatic activity. Similarity: Belongs to the peptidase M1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505029
NCBI GeneID	4048
NCBI Accession #	NP_000886.1
NCBI GenBank Nucleotide #	NM_000895.2
UniProt Accession #	P09960; Q6IAT6; Q9UCT7; B4DNQ9; F8VV40
Molecular Weight	Observed: 69 kDa Predicted: 70 kDa
NCBI Official Full Name	leukotriene A-4 hydrolase isoform 1
NCBI Official Synonym Full Names	leukotriene A4 hydrolase
NCBI Official Symbol	LTA4H
NCBI Protein Information	leukotriene A-4 hydrolase
UniProt Protein Name	Leukotriene A-4 hydrolase
UniProt Gene Name	LTA4H
UniProt Synonym Gene Names	LTA4; LTA-4 hydrolase

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.