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Product Data Sheet

Anti-LTA4H Antibody

Catalog #	Source	Reactivity	Applications
CQA8117	Rabbit	H, M, R	WB, IH

Description	Rabbit monoclonal antibody to LTA4H
Immunogen	A synthetic peptide of human Leukotriene A4 hydrolase
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of LTA4H protein.
Clonality	Monoclonal
Conjugation	
Form	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/100)
Gene Symbol	LTA4H
Alternative Names	LTA4; Leukotriene A-4 hydrolase; LTA-4 hydrolase; Leukotriene A(4) hydrolase
Entrez Gene	4048 (Human); 16993 (Mouse)
SwissProt	P09960 (Human); P24527 (Mouse); P30349 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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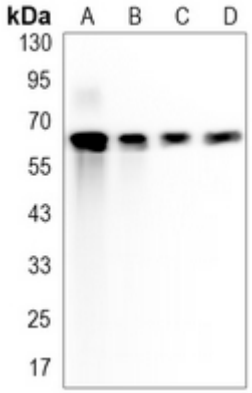
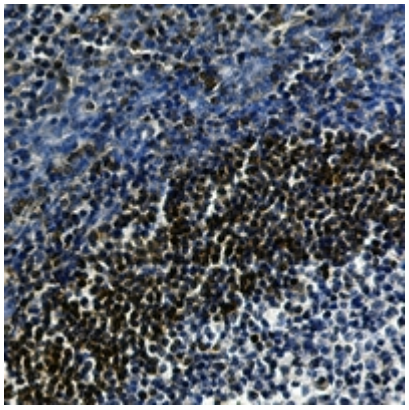


Western blot analysis of LTA4H expression in K562 (A), C6 (B), NIH3T3 (C), Hela (D) whole cell lysates. (Predicted band size: 69 kD; Observed band size: 69 kD)



Immunohistochemical analysis of LTA4H staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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