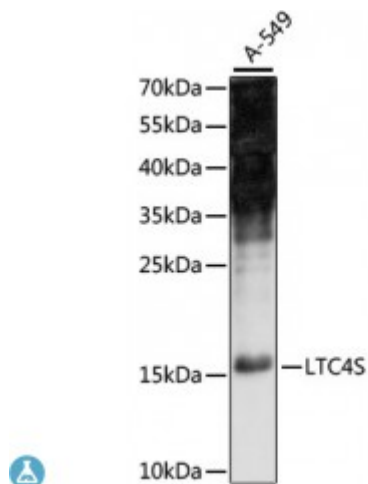


Anti-LTC4S Antibody



Description

The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family includes a number of human proteins, several of which are involved the production of leukotrienes. This gene encodes an enzyme that catalyzes the first step in the biosynthesis of cysteinyl leukotrienes, potent biological compounds derived from arachidonic acid. Leukotrienes have been implicated as mediators of anaphylaxis and inflammatory conditions such as human bronchial asthma. This protein localizes to the nuclear envelope and adjacent endoplasmic reticulum.

Model	STJ117265
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50 to the C-terminus of human LTC4S (NP_665874.1).
Gene ID	4056
Gene Symbol	LTC4S
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Detected in lung, platelets and the myelogenous leukemia cell line KG-1 (at protein level), LTC4S activity is present in eosinophils, basophils, mast cells, certain phagocytic mononuclear cells, endothelial cells, vascular smooth muscle cells and platelets
Purification	Affinity purification

Note	For Research Use Only (RUO).
Protein Name	Leukotriene C4 synthase LTC4 synthase
Molecular Weight	16.567 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6719OMIM:246530Reactome:R-HSA-2142688
Alternative Names	Leukotriene C4 synthase LTC4 synthase
Function	Catalyzes the conjugation of leukotriene A4 with reduced glutathione to form leukotriene C4
Cellular Localization	Nucleus outer membrane

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com