

LTC4S rabbit monoclonal antibody

Catalog # H00004056-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LTC4S peptide using ARM Technology.
Immunogen	A synthetic peptide of human LTC4S is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LTC4S peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LTC4S

Entrez GeneID	4056
GeneBank Accession#	LTC4S
Gene Name	LTC4S
Gene Alias	MGC33147
Gene Description	leukotriene C4 synthase
Omim ID	246530
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	-

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Angioneurotic Edema](#)
- [Arteriosclerosis](#)

- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Disorders](#)
- [Chlamydia Infections](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dermatitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Drug Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Inflammation](#)
- [Ischemic Attack](#)
- [Lung Diseases](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Myocardial Ischemia](#)

- [Neoplasms](#)
- [Obesity](#)
- [Orbital Diseases](#)
- [Osteoporosis](#)
- [Recurrence](#)
- [Respiratory Hypersensitivity](#)
- [Rhinitis](#)
- [Sinusitis](#)
- [Stroke](#)
- [Trachoma](#)
- [Urticaria](#)
- [Venous Thrombosis](#)