

DNAxPAb

Hard-to-Find
Antibody

LTC4S DNAxPab

Catalog # H00004056-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human LTC4S DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKDEVALLAAVTLLGVLLQAYFSLQVISARRAFRVSPPLTTGPPEFERVYRAQVNCSEYFPLFLAT LWVAGIFFHEGAAALCGLVYLFARLRYFQGYARSAQLRLAPLYASARALWLLVALAALGLLAHFLP AALRAALLGRLRTLTPWA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — LTC4S

Entrez GeneID [4056](#)

GeneBank Accession# [NM_145867.1](#)

Protein Accession# [NP_665874.1](#)

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](#)