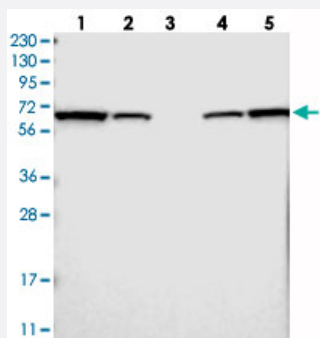


LTA4H polyclonal antibody

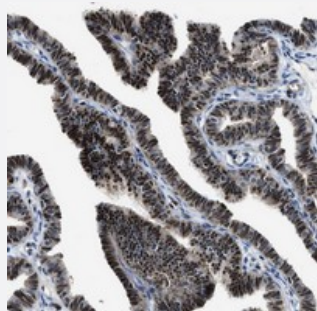
Catalog # PAB21143 Size 100 uL

Applications



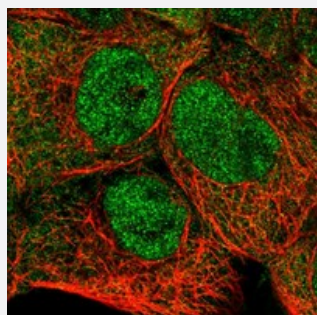
Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with LTA4H polyclonal antibody (Cat # PAB21143) at 1:250-1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human fallopian tube with LTA4H polyclonal antibody (Cat # PAB21143) shows strong nuclear positivity in glandular cells at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with LTA4H polyclonal antibody (Cat # PAB21143) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli and cytoplasm.

Specification

Product Description

Rabbit polyclonal antibody raised against recombinant LTA4H.

Immunogen

Recombinant protein corresponding to amino acids of human LTA4H.

Sequence	YLERHICGRLFGGEKFRHFNALGGWGELQNSVKTFGETHPFTKLVDLTDIDPDVAYSSVPYEKGF ALLFYLEQLLGGPEIFLGFLKAYVEKFSYKSITDDWKDFLYSYFKDKVDVLNQVDWNAWLSPGL PPIKPNYDMTL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with LTA4H polyclonal antibody (Cat # PAB21143) at 1:250-1:500 dilution.

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Gene Info — LTA4H

Entrez GeneID [4048](#)

Protein Accession#	P09960
Gene Name	LTA4H
Gene Alias	-
Gene Description	leukotriene A4 hydrolase
Omim ID	151570
Gene Ontology	Hyperlink
Other Designations	-

Pathway

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

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Artery Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Fish Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)

- [Inflammation](#)
- [Leprosy](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Renal Insufficiency](#)
- [Stroke](#)
- [Tuberculosis](#)
- [Werner syndrome](#)