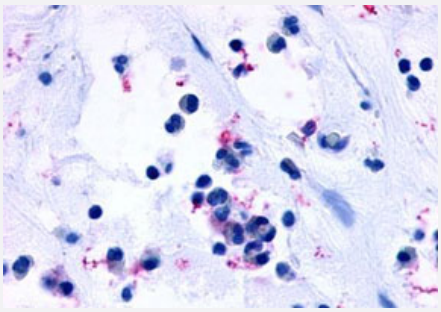
CYSLTR1 polyclonal antibody

Catalog # PAB26174 Size 50 ug

Applications



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human nasal mucosa, allergic rhinitis, eosinophils with CYSLTR1 polyclonal antibody (Cat # PAB26174).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CYSLTR1.
Immunogen	A synthetic peptide corresponding to 20 amino acid at extracellular domain of human CYSLTR1.
Host	Rabbit
Reactivity	Human, Monkey
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except NMU (45%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (6-14 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — CYSLTR1

Entrez GeneID	10800
Protein Accession#	Q9Y271
Gene Name	CYSLTR1
Gene Alias	CYSLT1, CYSLT1R, CYSLTR, HG55, HMTMF81, MGC46139
Gene Description	cysteinyl leukotriene receptor 1
Omim ID	300201
Gene Ontology	Hyperlink
Gene Summary	The cysteinyl leukotrienes LTC4, LTD4, and LTE4 are important mediators of human bronchial as thma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2 recep tors, the protein encoded by this gene and CYSLTR2. This encoded receptor is a member of the superfamily of G protein-coupled receptors. Activation of this receptor by LTD4 results in contracti on and proliferation of smooth muscle, oedema, eosinophil migration and damage to the mucus l ayer in the lung. [provided by RefSeq
Other Designations	LTD4 receptor|OTTHUMP00000023596|cysteinyl leukotriene D4 receptor

Pathway

- Calcium signaling pathway
- Neuroactive ligand-receptor interaction

Disease

- Acute Disease
- Asthma
- Atherosclerosis
- Bronchial Hyperreactivity
- Bronchiolitis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Chronic Disease
- Dermatitis
- Diabetes Mellitus
- Drug Hypersensitivity
- Edema
- Genetic Predisposition to Disease
- Hypersensitivity
- Infant
- Neoplasms
- Ovarian cancer
- Ovarian Neoplasms
- Pneumonia
- Respiratory Syncytial Virus Infections
- Rhinitis
- Sinusitis
- Urticaria