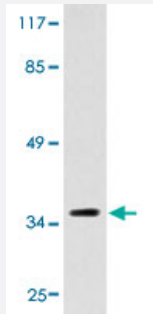


# CYSLTR1 polyclonal antibody

Catalog # PAB25008      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of COS-7 cell extracts with CYSLTR1 polyclonal antibody (Cat # PAB25008).

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of CYSLTR1.

**Immunogen** A synthetic peptide corresponding to CYSLTR1.

**Host** Rabbit

**Theoretical MW (kDa)** 36

**Reactivity** Human

**Specificity** CYSLTR1 polyclonal antibody detects endogenous levels of CYSLTR1.

**Form** Liquid

**Purification** Antigen affinity purification

**Concentration** 1 mg/mL

**Recommend Usage** Western Blot (1:500-1:1000)  
Immunofluorescence (1:50-1:200)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS, pH 7.2 (0.05% 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

- Western Blot (Cell lysate)

Western blot analysis of COS-7 cell extracts with CYSLTR1 polyclonal antibody (Cat # PAB25008).

- Immunofluorescence

## Gene Info — CYSLTR1

**Entrez GeneID**[10800](#)**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 LTC<sub>4</sub>, LTD<sub>4</sub>, and LTE<sub>4</sub> are important mediators of human bronchial asthma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2 receptors, 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 LTD<sub>4</sub> results in contraction and proliferation of smooth muscle, oedema, eosinophil migration and damage to the mucus layer 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](#)