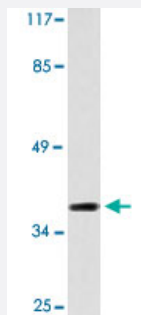


# CYSLTR1 polyclonal antibody

Catalog # PAB24977      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell lysate with CYSLTR1 polyclonal antibody (Cat # PAB24977).

## Specification

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

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

**Host** Rabbit

**Theoretical MW (kDa)** 38

**Reactivity** Human

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

**Form** Liquid

**Purification** Antigen affinity purification

**Concentration** 1 mg/mL

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

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | In PBS, pH 7.2 (0.05% sodium azide)                                                                                    |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                 |
| <b>Note</b>                | 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 COLO 205 cell lysate with CYSLTR1 polyclonal antibody (Cat # PAB24977).

- Immunofluorescence

## Gene Info — CYSLTR1

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">10800</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>          | CYSLTR1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Alias</b>         | CYSLT1, CYSLT1R, CYSLTR, HG55, HMTMF81, MGC46139                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Description</b>   | cysteinyl leukotriene receptor 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Omim ID</b>            | <a href="#">300201</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Summary</b>       | The cysteinyl leukotrienes LTC4, LTD4, and LTE4 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 LTD4 results in contraction and proliferation of smooth muscle, oedema, eosinophil migration and damage to the mucus layer in the lung. [provided by RefSeq] |
| <b>Other Designations</b> | 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](#)