

## CysLTR2 Polyclonal Antibody Catalog # AP69428

### Specification

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#### CysLTR2 Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	<a href="#">O9NS75</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

#### CysLTR2 Polyclonal Antibody - Additional Information

**Gene ID** 57105

#### Other Names

CYSLTR2; CYSLT2; CYSLT2R; PSEC0146; Cysteinyl leukotriene receptor 2; CysLTR2; G-protein coupled receptor GPCR21; hGPCR21; G-protein coupled receptor HG57; HPN321

#### Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.

IF~~1:50~200

#### Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

#### Storage Conditions

-20°C

#### CysLTR2 Polyclonal Antibody - Protein Information

**Name** CYSLTR2

**Synonyms** CYSLT2, CYSLT2R

#### Function

Receptor for cysteinyl leukotrienes. The response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Stimulation by BAY u9773, a partial agonist, induces specific contractions of pulmonary veins and might also have an indirect role in the relaxation of the pulmonary vascular endothelium. The rank order of affinities for the leukotrienes is LTC4 = LTD4 >> LTE4.

#### Cellular Location

Cell membrane; Multi-pass membrane protein.

#### Tissue Location

Widely expressed, with highest levels in the heart, placenta, spleen, peripheral blood leukocytes

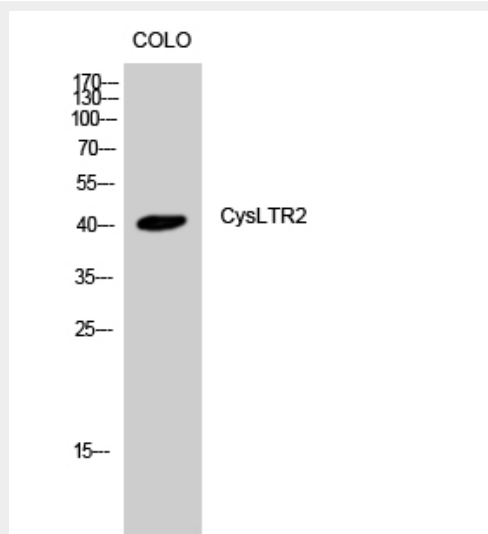
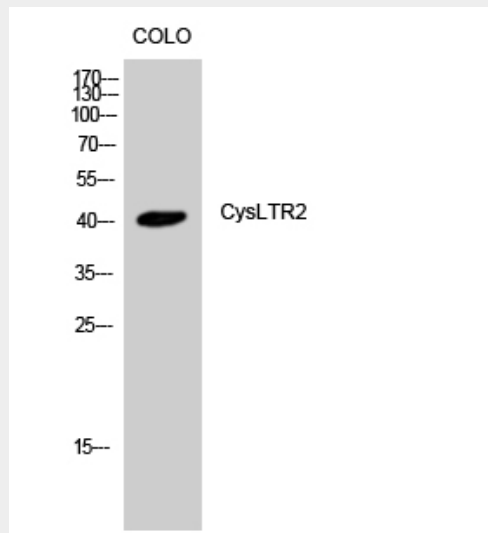
and adrenal gland. In lung, expressed in the interstitial macrophages, and slightly in smooth muscle cells

### CysLTR2 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### CysLTR2 Polyclonal Antibody - Images



## **CysLTR2 Polyclonal Antibody - Background**

Receptor for cysteinyl leukotrienes. The response is mediated via a G-protein that activates a phosphatidylinositol- calcium second messenger system. Stimulation by BAY u9773, a partial agonist, induces specific contractions of pulmonary veins and might also have an indirect role in the relaxation of the pulmonary vascular endothelium. The rank order of affinities for the leukotrienes is LTC<sub>4</sub> = LTD<sub>4</sub> >> LTE<sub>4</sub>.