

## CysLTR2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP02439
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CYSLTR2. AA range:281-330
<b>Mol wt</b>	39635
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CysLTR2 Antibody
<b>Synonyms</b>	CYSLTR2; CYSLT2; CYSLT2R; PSEC0146; Cysteinyl leukotriene receptor 2; CysLTR2; G-protein coupled receptor GPCR21; hGPCR21; G-protein coupled receptor HG57; HPN321

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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 CYSLTR2 (cysteinyl leukotriene receptor 2) and CYSLTR1. This encoded receptor is a member of the superfamily of G protein-coupled receptors. It seems to play a major role in endocrine and cardiovascular systems.

### Recommended Dilution

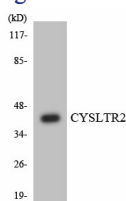
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

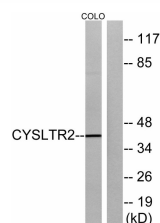
ELISA: 1: 20000

Not yet tested in other applications.

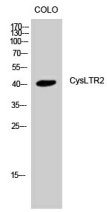
### Images



Western blot analysis of the lysates from HT-29 cells using CYSLTR2 antibody.



Western blot analysis of lysates from COLO cells, using CYSLTR2 Antibody. The lane on the right is blocked with the synthesized peptide.



## Western Blot analysis of COLO cells using CysLTR2 Polyclonal Antibody

### Storage

-20°C for one year

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