ELK Biotechnology

CysLTR2 rabbit pAb

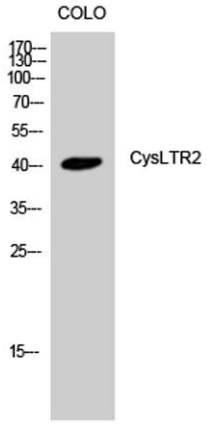
Cat No.:ES6868

For research use only

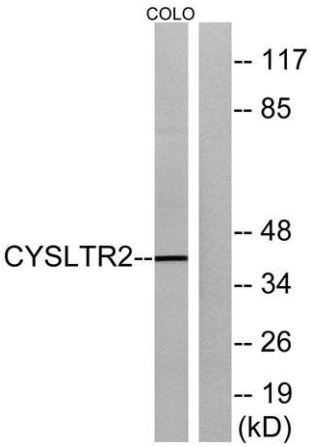
Overview

Product Name	CysLTR2 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CYSLTR2. AA range:281-330
Specificity	CysLTR2 Polyclonal Antibody detects endogenous levels of CysLTR2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cysteinyl leukotriene receptor 2
Gene Name	CYSLTR2
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	57105
Human Swiss-Prot Number	Q9NS75
Alternative Names	CYSLTR2; CYSLT2; CYSLT2R; PSEC0146; Cysteinyl leukotriene receptor 2; CysLTR2; G-protein coupled receptor GPCR21; hGPCR21; G-protein coupled receptor HG57; HPN321
Background	The cysteinyl leukotrienes LTC4, LTD4, and LTE4 are important mediators of human bronchial asthma. Pharmacologic studies have determined that

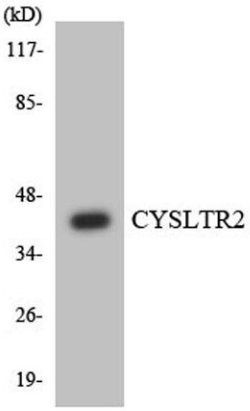
cysteinyl leukotrienes activate at least 2 receptors, the protein encoded by this gene and CYSLTR1. This encoded receptor is a member of the superfamily of G protein-coupled receptors. It seems to play a major role in endocrine and cardiovascular systems. [provided by RefSeq, Jul 2008],



Western Blot analysis of COLO cells using CysLTR2 Polyclonal 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 the lysates from HT-29 cells using CYSLTR2 antibody.

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