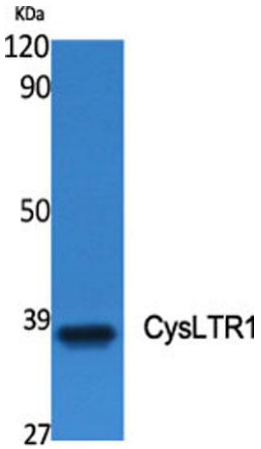
CysLTR1 rabbit pAb

Cat#: orb764990 (Manual)

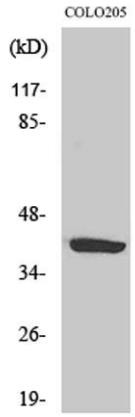
For research use only. Not intended for diagnostic use.

Product Name	CysLTR1 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: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human CYSLTR1. AA range:131-180
Specificity	CysLTR1 Polyclonal Antibody detects endogenous levels of CysLTR1 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 1
Gene Name	CYSLTR1
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	38kD
Human Gene ID	10800
Human Swiss-Prot Number	Q9Y271
Alternative Names	CYSLTR1; CYSLT1; Cysteinyl leukotriene receptor 1; CysLTR1; Cysteinyl leukotriene D4 receptor; LTD4 receptor; G-protein coupled receptor HG55; HMTMF81
Background	This gene encodes a member of the G-protein coupled receptor 1 family. The encoded protein is a receptor for cysteinyl leukotrienes, and is involved in mediating bronchoconstriction via activation of a phosphatidylinositol-calcium second messenger system. Activation of the encoded receptor results in contraction and proliferation of bronchial smooth muscle cells, eosinophil migration, and damage to the mucus layer in the lung. Upregulation of this gene is associated with asthma and dysregulation may also be implicated in cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013],



Western Blot analysis of various cells using CysLTR1 Polyclonal Antibody



Western Blot analysis of HeLa cells using CysLTR1 Polyclonal Antibody

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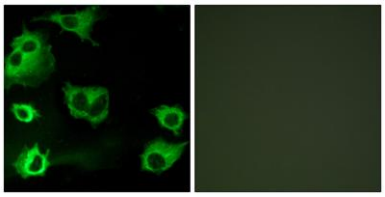
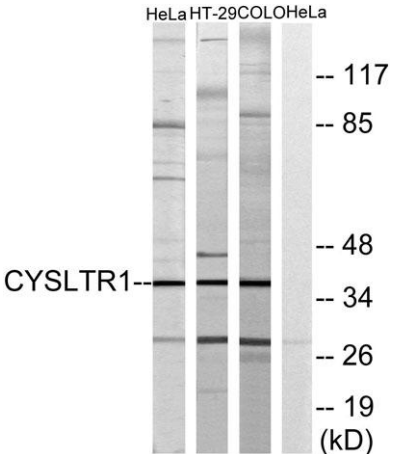


Immunofluorescence analysis of COS7 cells, using CYSLTR1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO205, HT-29, and HeLa cells, using CYSLTR1 Antibody. The lane on the right is blocked with the synthesized peptide.

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