



Anti-CYSLTR1 (internal region) polyclonal antibody (CPBT-32345RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human CYSLTR1.
Antigen Description	The cysteinyl leukotrienes LTC ₄ , LTD ₄ , and LTE ₄ 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 LTD ₄ results in contraction and proliferation of smooth muscle, oedema, eosinophil migration and damage to the mucus layer in the lung.
Immunogen	Synthetic peptide derived from internal sequence of human CysLT1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, ICC/IF
Cellular Localization	Cell membrane; Multi-pass membrane protein.
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4

Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	CYSLTR1 cysteinyl leukotriene receptor 1 [Homo sapiens]
Official Symbol	CYSLTR1
Synonyms	CYSLTR1; cysteinyl leukotriene receptor 1; CysLT; CysLT1; CYSLT1R; CYSLT 1; CysLT; CYSLT1R; CYSLTR 1; CYSLTR; CysLTR vide supra; CYSLTR1; Cysteinyl leukotriene D4 receptor; Cysteinyl leukotriene receptor 1; HG55; HMTMF81; LTD4 receptor; MGC46139; LTD4 receptor; G-protein coupled receptor HG55; cysteinyl leukotriene D4 receptor; HG55; CYSLT1; CYSLTR; HMTMF81;
Entrez Gene ID	10800
Protein Refseq	NP_006630
UniProt ID	Q38Q88
Chromosome Location	Xq13-q21
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Eicosanoid ligand-binding receptors, organism-specific biosystem; Endothelins, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosys
Function	leukotriene receptor activity; receptor activity; signal transducer activity;