



Rabbit anti-Human CysLT2 polyclonal antibody (DPABH-26629)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide derived from the C terminal region of Human CysLT2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride. Note: PBS without Mg2+ and Ca2+
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Store at -20°C.

GENE INFORMATION

Gene Name	CYSLTR2 cysteinyl leukotriene receptor 3 [Homo sapiens]
Official Symbol	CYSLTR2
Synonyms	CYSLTR2; cysteinyl leukotriene receptor 2; HG57; CYSLT2; HPN321; CYSLT2R; KPG_011; hGPCR21; PSEC0146; G protein-coupled receptor; G-protein coupled receptor HG57; G-protein coupled receptor GPCR21; cysteinyl leukotriene CysLT2 receptor;
Entrez Gene ID	57105
Protein Refseq	NP_065110.1
UniProt ID	Q5KU17
Pathway	Calcium signaling pathway; Class A/1 (Rhodopsin-like receptors); Endothelins; GPCR downstream signaling
Function	cysteinyl leukotriene receptor activity; leukotriene receptor activity; protein binding;