



# Rabbit anti-Human CysLT2 polyclonal antibody (DPABH-04957)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to a region from the 1st extracellular domain of Human CysLT2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituent: 99% PBS
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">CYSLTR2 cysteinyl leukotriene receptor 3 [ Homo sapiens ]</a>
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	<a href="#">57105</a>
Protein Refseq	<a href="#">NP_065110.1</a>
UniProt ID	<a href="#">Q5KU17</a>
Pathway	Calcium signaling pathway; Class A/1 (Rhodopsin-like receptors); Endothelins; GPCR downstream signaling
Function	cysteinyl leukotriene receptor activity; leukotriene receptor activity; protein binding;