

Rabbit CYSLTR1 / CYSLT1 Polyclonal Antibody | anti-CYSLTR1 antibody

Rabbit Polyclonal to Human CYSLTR1 / CYSLT1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51356	Rabbit	Gorilla, Human Predicted Reactivity: Gibbon, Monkey, Mouse (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

CYSLTR1 / CYSLT1; Polyclonal Antibody; Rabbit Polyclonal to Human CYSLTR1 / CYSLT1; Anti-CYSLTR1 / CYSLT1 Antibody (C-Terminus) IHC-plus; CYSLTR1; Cys-LT1 receptor; CysLT(1); Cys-leukotriene-1 receptor; CYSLT1; CYSLT1R; CYSLTR; HG55; LTD4 receptor; HMTMF81; Cysteinyl Lt1 receptor; Human CYSLTR1; anti-CYSLTR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Gibbon, Monkey, Mouse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human CYSLTR1 / CYSLT1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except BRCA1 (45%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	337
Applicable Applications for anti-CYSLTR1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from C-terminus of human CYSLTR1 / CYSLT1. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey, Marmoset (95%); Gibbon, Mouse, Panda (90%); Rat, Bovine, Elephant, Rabbit, Pig (85%).
Immunogen Type	Synthetic peptide
Immunogen	CYSLTR1 / CYSLT1 antibody was raised against synthetic 20 amino acid peptide from C-terminus of human CYSLTR1 / CYSLT1. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Monkey, Marmoset (95%); Gibbon, Mouse, Panda (90%); Rat, Bovine, Elephant, Rabbit, Pig (85%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohiostchemistry)
Anti-CYSLTR1 / CYSLT1 antibody IHC of human Lymph Node, Hodgkins Lymphoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-CYSLTR1 / CYSLT1 antibody IHC of human nasal mucosa, allergic rhinitis, eosinophils.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-CYSLTR1 antibody	Cysteinyl leukotriene receptor 1, a Chemoattractant Receptor, is detected in spleen, peripheral blood leukocytes, and lung smooth muscle (Lynch et al., 1999). It binds cysteinyl leukotrienes, which are neutrophil chemoattractants with potent proinflammatory action. Leukotrienes mediate many features of bronchial asthma such as edema, bronchial constriction, and hyperreactivity (Bisgaard et al., 2000). Selective CysLT1 antagonists are used to treat asthma.
Product Categories/Family for anti-CYSLTR1 antibody	Family: GPCR; Subfamily: Chemoattractant

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729798
NCBI GeneID	10800
NCBI Accession #	NP_006630.1
NCBI GenBank Nucleotide #	NM_006639.3
UniProt Accession #	Q9Y271; Q5JS94; Q8IV19; B2R954; D3DTE4
Molecular Weight	38,541 Da
NCBI Official Full Name	cysteinyl leukotriene receptor 1
NCBI Official Synonym Full Names	cysteinyl leukotriene receptor 1
NCBI Official Symbol	CYSLTR1
NCBI Official Synonym Symbols	CYSLT1; CYSLTR; CYSLT1R; HMTMF81
NCBI Protein Information	cysteinyl leukotriene receptor 1; LTD4 receptor; G-protein coupled receptor HG55; cysteinyl leukotriene D4 receptor
UniProt Protein Name	Cysteinyl leukotriene receptor 1
UniProt Gene Name	CYSLTR1
UniProt Synonym Gene Names	CYSLT1; CysLTR1; LTD4 receptor
UniProt Entry Name	CLTR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.