

CYSLT2 / CYSLTR2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10120**Specification**

CYSLT2 / CYSLTR2 Antibody (C-Terminus) - Product Information

Application	IHC-P
Primary Accession	Q9NS75
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa
Dilution	IHC-P~~N/A

CYSLT2 / CYSLTR2 Antibody (C-Terminus) - Additional Information**Gene ID** 57105**Other Names**

Cysteinyl leukotriene receptor 2, CysLTR2, G-protein coupled receptor GPCR21, hGPCR21, G-protein coupled receptor HG57, HPN321, CYSLTR2, CYSLT2, CYSLT2R

Target/Specificity

Human CYSLTR2 / CYSLT2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

CYSLT2 / CYSLTR2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CYSLT2 / CYSLTR2 Antibody (C-Terminus) - Protein Information**Name** CYSLTR2**Synonyms** CYSLT2, CYSLT2R**Function**

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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Widely expressed, with highest levels in the heart, placenta, spleen, peripheral blood leukocytes and adrenal gland. In lung, expressed in the interstitial macrophages, and slightly in smooth muscle cells

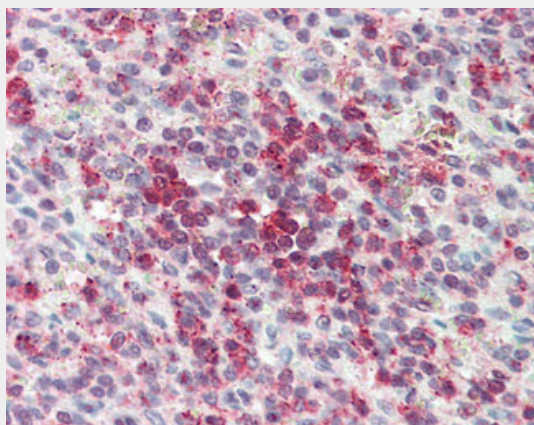
Volume

50 µl

CYSLT2 / CYSLTR2 Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CYSLT2 / CYSLTR2 Antibody (C-Terminus) - Images

Anti-CYSLTR2 / CYSLT2 antibody ALS10120 IHC of human spleen.

CYSLT2 / CYSLTR2 Antibody (C-Terminus) - Background

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.

CYSLT2 / CYSLTR2 Antibody (C-Terminus) - References

Takasaki J., et al. Biochem. Biophys. Res. Commun. 274:316-322(2000).
Heise C.E., et al. J. Biol. Chem. 275:30531-30536(2000).
Nothacker H.-P., et al. Mol. Pharmacol. 58:1601-1608(2000).
Takeda S., et al. FEBS Lett. 520:97-101(2002).
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