

CYSLTR1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 39kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CYSLTR1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CYSLT1; CYSLTR; CYSLT1R; HMTMF81;

Catalog #: A1815

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 10800

Isotype: IgG

Swiss Prot: Q9Y271

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the G-protein coupled receptor 1 family. The encoded protein is a receptor for cysteinyl leukotrienes, and is involved in mediating bronchoconstriction via activation of a phosphatidylinositol-calcium second messenger system. Activation of the encoded receptor results in contraction and proliferation of bronchial smooth muscle cells, eosinophil migration, and damage to the mucus layer in the lung. Upregulation of this gene is associated with asthma and dysregulation may also be implicated in cancer. Alternative splicing results in multiple transcript variants.

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