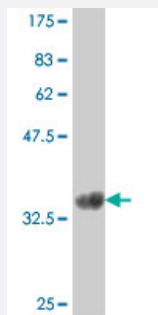


CYSLTR1 polyclonal antibody (A01)

Catalog # H00010800-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (35.9 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CYSLTR1.
Immunogen	CYSLTR1 (AAH35750, 248 a.a. ~ 337 a.a) partial recombinant protein with GST tag.
Sequence	PYHIQRTIHLHFLHNETKPCDSVLRMQKSVVITLSLAASNCCFDPLLYFFSGGNFRKRLSTFRKHSL SSVTYVPRKKASLPEKGEEICKV
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.9 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CYSLTR1

Entrez GeneID [10800](#)

GeneBank Accession# [BC035750](#)

Protein Accession# [AAH35750](#)

Gene Name CYSLTR1

Gene Alias CYSLT1, CYSLT1R, CYSLTR, HG55, HMTMF81, MGC46139

Gene Description cysteinyl leukotriene receptor 1

Omim ID [300201](#)

Gene Ontology [Hyperlink](#)

Gene Summary The cysteinyl leukotrienes LTC₄, LTD₄, and LTE₄ are important mediators of human bronchial asthma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2 receptors, the protein encoded by this gene and CYSLTR2. This encoded receptor is a member of the superfamily of G protein-coupled receptors. Activation of this receptor by LTD₄ results in contraction and proliferation of smooth muscle, oedema, eosinophil migration and damage to the mucus layer in the lung. [provided by RefSeq]

Other Designations LTD4 receptor|OTTHUMP00000023596|cysteinyl leukotriene D4 receptor

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Asthma](#)

- [Atherosclerosis](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Chronic Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pneumonia](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Sinusitis](#)
- [Urticaria](#)