CysLTR1 (C173) polyclonal antibody

Catalog: BS2592 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Cysteinyl leukotriene (CysLTs) induce intracellular calcium mobilization through the binding of two distinct seven-transmembrane, G protein-coupled receptors, designated CysLT1 and CysLT2 receptors, to induce potent broncoconstriction. Airway smooth muscle and macrophages express both receptor types, and additionally monocytes and eosinophils express CysLT1 receptor, while cardiac Purkinje cells, adrenal medulla, peripheral blood leukocytes and brain also utilize CysLT2 receptor. The effects of the CysLT receptors can be blocked by antagonists, indicating a therapeutic mechanism for the treatment of asthma and allergies.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 38 kDa

Swiss-Prot:

Q9Y271

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

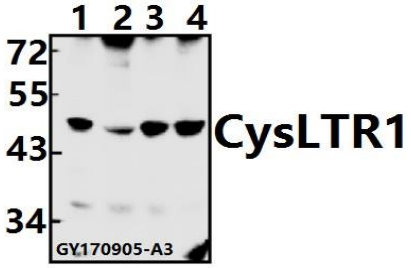
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

CysLTR1 (C173) polyclonal antibody detects endogenous levels of CysLTR1 protein.

DATA:



Western blot (WB) analysis of CysLTR1 (C173) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(20ug)

Lane2:MCF-7 whole cell lysate(40ug)

Lane3:C6 whole cell lysate(20ug)

Lane4:BV2 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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