

LTB4-R2 Rabbit pAb

Catalog Number: bs-2655R

Target Protein: LTB4-R2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Dog, GuineaPig)

Predicted MW: 41 kDa

Subcellular: Cell membrane

Locations:

Entrez Gene: 56413

Swiss Prot: Q9NPC1

Source: KLH conjugated synthetic peptide derived from human LTB4-R2: 25-120/389.

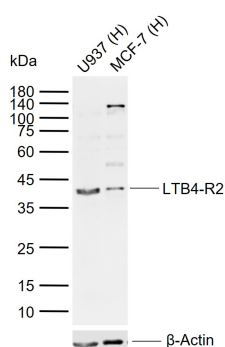
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinities for the leukotrienes is LTB4 > 12-epi-LTB4 > LTB5 > LTB3.

VALIDATION IMAGES



Sample: Lane 1: Human U937 cell lysates Lane 2: Human MCF-7 cell lysates Primary: Anti-LTB4-R2 (bs-2655R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 41 kDa Observed band size: 41 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.57] Zinn, Sebastian, et al. "The leukotriene B4 receptors BLT1 and BLT2 form an antagonistic sensitizing system in peripheral sensory neurons." *Journal of Biological Chemistry* (2017): jbc-M116. IHC ; ="Mouse" . 28242764

[IF=0] Wculek, S. Pre-metastatic neutrophils directly support highly tumourigenic breast cancer cells during lung metastasis via a leukotriene-ERK1/2 axis. Diss. UCL (University College London), 2016. FCM ; ="Mouse" . Diss.UCL(UniversityCollegeLondon),2016.