## bs-2655R

# [ Primary Antibody ]

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Reactivity: Human (predicted: Mouse,

Rat, Pig, Cow, Dog, GuineaPig)

Applications: WB (1:500-2000)

Predicted 41 kDa

Subcellular Cell membrane

MW.:

# LTB4-R2 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 56413 SWISS: Q9NPC1

Target: LTB4-R2

Immunogen: KLH conjugated synthetic peptide derived from human LTB4-R2:

25-120/389. < Extracellular >

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**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.

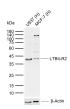
Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a

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 hand size: 41 kDa

## — SELECTED CITATIONS –

- [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.