

For Research Use Only

LTB₄R Polyclonal antibody

Catalog Number: 55137-1-AP



Basic Information

Catalog Number: 55137-1-AP	GenBank Accession Number: NM_181657	Purification Method: Antigen affinity purification
Size: 650 µg/ml	GeneID (NCBI): 1241	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q15722	
Isotype: IgG	Full Name: Leukotriene B4 receptor	
	Calculated MW: 38 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human heart tissue, human breast cancer tissue
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Leukotriene B4 receptor 1 (LTB₄R, also known as LTB₄R1 or BLTR) is a G-protein coupled receptor for Leukotriene B₄, a potent chemoattractant that is primarily involved in inflammation, immune responses and host defence against infection (PMID: 9177352). LTB₄R is highly expressed in human leukocytes and is involved in the regulation of the inflammatory system.

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

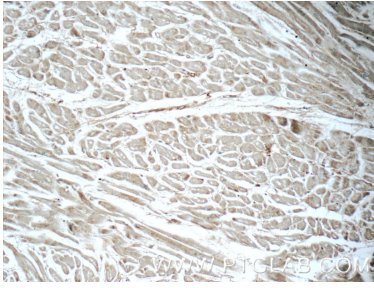
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 55137-1-AP (LTB4R Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 55137-1-AP (LTB4R Antibody) at dilution of 1:50 (under 40x lens).