

## LT4R1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A17168	Rabbit	1 mg/ml	
<b>Applications</b>	WB,ELISA		
<b>Reactivity</b>	Human,Mouse,Rat		
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	LT4R1 Polyclonal Antibody detects endogenous levels of protein.		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein		
<b>Uniprot No</b>	Q15722		
<b>Alternative names</b>			
<b>Form</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	<p>function:Receptor for extracellular ATP &gt; UTP and ADP. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. May be the cardiac P2Y receptor involved in the regulation of cardiac muscle contraction through modulation of L-type calcium currents. Is a receptor for leukotriene B4, a potent chemoattractant involved in inflammation and immune response.,PTM:Phosphorylated by GRK6 upon leukotriene B4 binding; which promotes desensitization.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed at highest levels in heart, skeletal muscle and at lower levels in brain and liver. High level of expression in lymphoid tissues.,</p>		
<b>Other</b>	LTB4R BLT BLT1 BLTR CMKRL1 GPR16 P2RY7, Leukotriene B4 receptor 1 (LTB4-R 1) (LTB4-R1) (Chemoattractant receptor-like 1) (G-protein coupled receptor 16) (P2Y purinoceptor 7) (P2Y7)		

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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