**产品名称: LAT Rabbit Monoclonal Antibody**
**产品货号: AMRe04087**

## 产品概述（Summary）

| | |
|---|---|
| **描述(Description)** | Recombinant rabbit monoclonal antibody |
| **宿主(Host)** | Rabbit |
| **应用(Application)** | WB,IHC,IP |
| **种属反应(Reactivity)** | Human |
| **偶联物(Conjugation)** | Unconjugated |
| **修饰(Modification)** | Unmodified |
| **同种型(Isotype)** | IgG |
| **克隆(Clonality)** | Monoclonal |
| **剂型(Form)** | Liquid |
| **保存条件(Storage)** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **储存溶液(Buffer)** | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| **纯化 (Purification)** | Affinity Purification |

## 产品应用(Application)

| | |
|---|---|
| **稀释比(Dilution Ratio)** | WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50 |
| **分子量(Molecular Weight)** | Calculated MW: 28 kDa; Observed MW: 36 kDa |

## 抗原信息(Antigen Information)

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|---|---|
| **基因名(Gene Name)** | LAT |
| **别名(Alternative Names)** | LAT; Linker for activation of T-cells family member 1; 36 kDa phospho-tyrosine adapter protein; pp36; p36-38 |
| **基因 ID(Gene ID)** | 27040 |
| **SwissProt ID** | O43561 |
| **免疫原(Immunogen)** | A synthetic peptide corresponding to target protein |

## 研究背景（Background）

Required for TCR (T-cell antigen receptor)- and pre-TCR-mediated signaling, both in mature T-cells and during their development. Involved in FCGR3 (low affinity immunoglobulin gamma Fc region receptor III)-mediated signaling in natural

killer cells and FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Couples activation of these receptors and their associated kinases with distal intracellular events such as mobilization of intracellular calcium stores, PKC activation, MAPK activation or cytoskeletal reorganization through the recruitment of PLCG1, GRB2, GRAP2, and other signaling molecules.

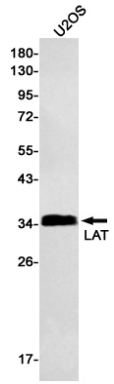
## 研究领域（Research Area）

Immunology

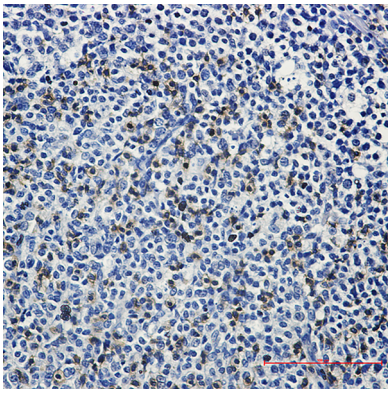
## 注意事项（Note）

For research use only.

## 图片（Image Data）




Western blot analysis of LAT in U2OS lysates using LAT antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using LAT antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## EnkiLife 优势产品推荐

| 产品类别 | 产品货号 | 产品名称 |
|---|---|---|
| WB 解决方案 | RA10020 | 2h 极速 WB 即用型全流程试剂盒 |
| | RA10021 | 4h 快速 WB 即用型全流程试剂盒 |
| | RA10042 | 5h 畅享版 WB 全流程试剂盒 |
| | RA10037 | 校准级彩色预染蛋白 Marker（8-180kDa） |
| | RA10038 | 校准级彩色预染蛋白 Marker（10-250kDa） |
| | RA10039 | 校准级高分子彩色预染蛋白 Marker（25-400kDa） |
| TSA 多重荧光染色试剂盒 | RA10008 | TSA 双标三色多重荧光染色试剂盒（mIHC） |
| | RA10009 | TSA 三标四色多重荧光染色试剂盒（mIHC） |
| | RA10010 | TSA 四标五色多重荧光染色试剂盒（mIHC） |
| | RA10011 | TSA 五标六色多重荧光染色试剂盒（mIHC） |
| | RA10012 | TSA 六标七色多重荧光染色试剂盒（mIHC） |
| IHC 检测试剂盒 | RA10006 | HRP Anti-Mouse/Rabbit IHC Detection System |
| | RA10007 | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒 | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒 |
| | RE80002q | Sulfo-NHS-生物素标记试剂盒 |
| | RE80007p | Cy3 荧光素标记试剂盒 |
| | RE80011p | Fluor488 荧光素标记试剂盒 |
| | RE80017p | Fluor750 荧光素标记试剂盒 |
| | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒 |
| | RE80040 | PE-Cy7 串联染料抗体快速标记试剂盒 |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001 | 过表达稳转细胞系构建 |
| | TS-0002 | 敲低稳转细胞系构建 |
| | TS-0003 | 敲除细胞系构建 |

限于篇幅，更多产品详见官网：https://www.enkilife.cn