

产品名称: MALT1 (7A3) Rabbit Monoclonal Antibody  
产品货号: AMRe13606



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | MALT1 (7A3) Rabbit Monoclonal Antibody |
| 描述 (Description)       | Recombinant rabbit monoclonal antibody |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | WB                                     |
| 种属反应性 (Reactivity)     | Human                                  |

## 产品性能 (Performance)

|                     |                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                                                                                                                 |
| 修饰 (Modification)   | Unmodified                                                                                                                                                                                   |
| 同种型 (Isotype)       | IgG                                                                                                                                                                                          |
| 克隆 (Clonality)      | Monoclonal                                                                                                                                                                                   |
| 形式 (Form)           | Liquid                                                                                                                                                                                       |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                                                                                     |
| 储存溶液 (Buffer)       | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |
| 纯化方式 (Purification) | Affinity purification                                                                                                                                                                        |

## 免疫原信息 (Immunogen)

|                        |                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | MALT1                                                                                      |
| 别名 (Alternative Names) | Malt1; MLT1; Mucosa associated lymphoid tissue lymphoma translocation gene 1; Paracaspase; |
| 基因 ID (Gene ID)        | 10892.0                                                                                    |
| 蛋白 ID (SwissProt ID)   | Q9UDY8.                                                                                    |

## 产品应用 (Application)

|                          |                  |
|--------------------------|------------------|
| 稀释比 (Dilution Ratio)     | WB 1:1000-1:5000 |
| 蛋白分子量 (Molecular Weight) | 92kDa            |

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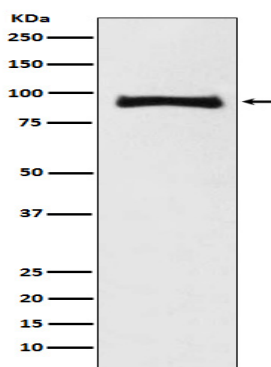
## 研究背景 (Background)

Enhances BCL10-induced activation of NF-kappa-B. Involved in nuclear export of BCL10. Binds to TRAF6, inducing TRAF6 oligomerization and activation of its ligase activity. MALT1-dependent BCL10 cleavage plays an important role in T-cell antigen receptor-induced integrin adhesion. Protease that enhances BCL10-induced activation: acts via formation of CBM complexes that channel adaptive and innate immune signaling downstream of CARD domain-containing proteins (CARD9, CARD11 and CARD14) to activate NF-kappa-B and MAP kinase p38 pathways which stimulate expression of genes encoding pro-inflammatory cytokines and chemokines (PubMed:<a href="http://www.uniprot.org/citations/11262391" target="\_blank">11262391</a>, PubMed:<a href="http://www.uniprot.org/citations/18264101" target="\_blank">18264101</a>, PubMed:<a href="http://www.uniprot.org/citations/24074955" target="\_blank">24074955</a>). Mediates BCL10 cleavage: MALT1-dependent BCL10 cleavage plays an important role in T-cell antigen receptor-induced integrin adhesion (PubMed:<a href="http://www.uniprot.org/citations/11262391" target="\_blank">11262391</a>, PubMed:<a href="http://www.uniprot.org/citations/18264101" target="\_blank">18264101</a>). Involved in the induction of T helper 17 cells (Th17) differentiation (PubMed:<a href="http://www.uniprot.org/citations/11262391" target="\_blank">11262391</a>, PubMed:<a href="http://www.uniprot.org/citations/18264101" target="\_blank">18264101</a>). Cleaves RC3H1 and ZC3H12A in response to T-cell receptor (TCR) stimulation which releases their cooperatively repressed targets to promote Th17 cell differentiation (By similarity). Also mediates cleavage of N4BP1 in T-cells following TCR-mediated activation, leading to N4BP1 inactivation (PubMed:<a href="http://www.uniprot.org/citations/31133753" target="\_blank">31133753</a>). May also have ubiquitin ligase activity: binds to TRAF6, inducing TRAF6 oligomerization and activation of its ligase activity (PubMed:<a href="http://www.uniprot.org/citations/14695475" target="\_blank">14695475</a>).

## 研究领域 (Research Area)

T\_Cell\_Receptor;B\_Cell\_Antigen;

## 图片 (Image Data)



Western blot analysis of MALT1 expression in Jurkat cell lysate.

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**注意事项 (Note)**

For research use only .