

产品名称: Elmo1 Rabbit Polyclonal Antibody  
产品货号: APRab10412



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | Elmo1 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | WB,ELISA                         |
| 种属反应性 (Reactivity)     | Human,Mouse                      |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 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)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | ELMO1                                                                                                  |
| 别名 (Alternative Names) | ELMO1; KIAA0281; Engulfment and cell motility protein 1; Protein ced-12 homolog                        |
| 基因 ID (Gene ID)        | 9844.0                                                                                                 |
| 蛋白 ID (SwissProt ID)   | Q92556.The antiserum was produced against synthesized peptide derived from human Elmo1. AA range:22-71 |

## 产品应用 (Application)

|                          |                                       |
|--------------------------|---------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 83kDa                                 |

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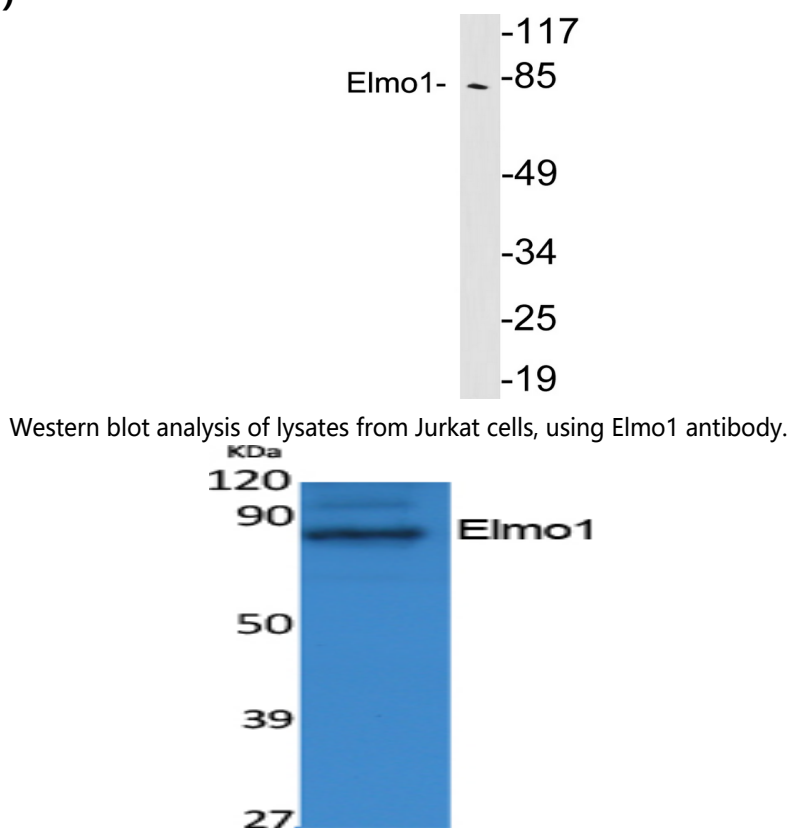
## 研究背景 (Background)

This gene encodes a member of the engulfment and cell motility protein family. These proteins interact with dedicator of cytokinesis proteins to promote phagocytosis and cell migration. Increased expression of this gene and dedicator of cytokinesis 1 may promote glioma cell invasion, and single nucleotide polymorphisms in this gene may be associated with diabetic nephropathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013],function:Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in association with DOCK1 and CRK. Was initially proposed to be required in complex with DOCK1 to activate Rac Rho small GTPases. May enhance the guanine nucleotide exchange factor (GEF) activity of DOCK1.,PTM:Phosphorylated by HCK.,similarity:Contains 1 ELMO domain.,similarity:Contains 1 PH domain.,subcellular location:Translocation to plasma membrane seems to be mediated by DOCK1 and CRK.,subunit:Interacts with BAI1 (By similarity). Interacts directly with the SH3-domain of DOCK1 via its SH3-binding site. Part of a complex with DOCK1 and RAC1. Part of a complex with DOCK1 and CRK isoform CRK-II. Interacts with PLEKHG6.,tissue specificity:Widely expressed, with a higher expression in the spleen and placenta.,

## 研究领域 (Research Area)

Chemokine;

## 图片 (Image Data)



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Western Blot analysis of extracts from NIH-3T3 cells, using Elmo1 Polyclonal Antibody.. Secondary antibody was diluted at  
1:20000

**注意事项 (Note)**

For research use only .