

**产品名称: NuMA Rabbit Polyclonal Antibody**  
**产品货号: APRab14975**



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | NuMA Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody      |
| 宿主 (Host)              | Rabbit                          |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA             |
| 种属反应性 (Reactivity)     | Human,Rat,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)        | NUMA1                                                                                                    |
| 别名 (Alternative Names) | NUMA1; NUMA; Nuclear mitotic apparatus protein 1; NuMA protein; SP-H antigen                             |
| 基因 ID (Gene ID)        | 4926.0                                                                                                   |
| 蛋白 ID (SwissProt ID)   | Q14980.The antiserum was produced against synthesized peptide derived from human NUMA1. AA range:334-383 |

## 产品应用 (Application)

|                          |                                                                        |
|--------------------------|------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000 |
| 蛋白分子量 (Molecular Weight) | 240kDa                                                                 |

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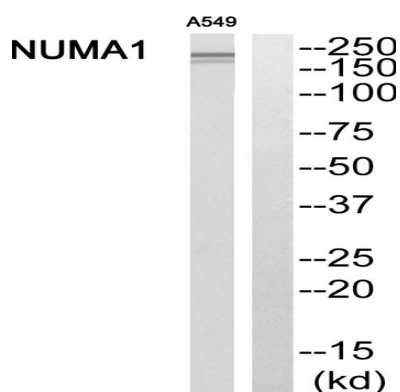
## 研究背景 (Background)

This gene encodes a large protein that forms a structural component of the nuclear matrix. The encoded protein interacts with microtubules and plays a role in the formation and organization of the mitotic spindle during cell division. Chromosomal translocation of this gene with the RARA (retinoic acid receptor, alpha) gene on chromosome 17 have been detected in patients with acute promyelocytic leukemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2013], function: May be a structural component of the nucleus, subcellular location: Dissociates from condensing chromosomes during early prophase, before the complete disintegration of the nuclear lamina. As mitosis progresses it reassociates with telophase chromosomes very early during nuclear reformation, before substantial accumulation of lamins on chromosomal surfaces is evident,

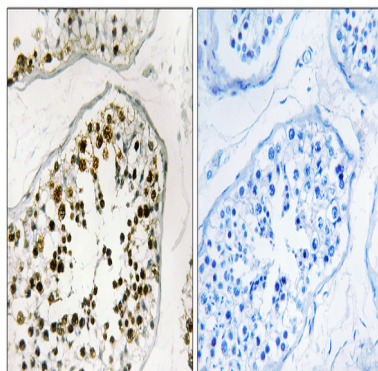
## 研究领域 (Research Area)

Markers; Cell Biology; Cell Cycle; Cell Division; Spindle

## 图片 (Image Data)

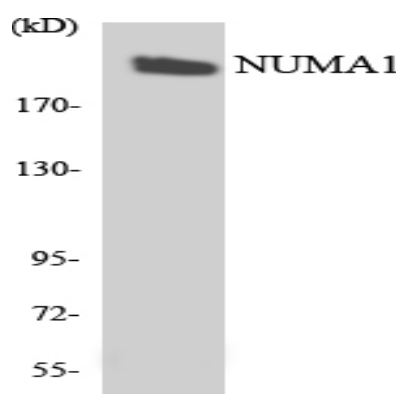


Western blot analysis of NUMA1 Antibody. The lane on the right is blocked with the NUMA1 peptide.

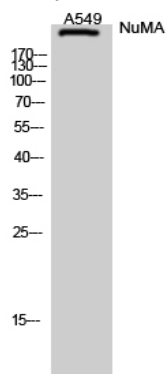


Immunohistochemistry analysis of paraffin-embedded human testis, using NUMA1 Antibody. The lane on the right is blocked with the NUMA1 peptide.

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Western blot analysis of the lysates from K562 cells using NUMA1 antibody.



Western Blot analysis of A549 cells using NuMA Polyclonal Antibody diluted at 1: 2000

### 注意事项 (Note)

For research use only .