

产品名称: DYHC1 Rabbit Polyclonal Antibody  
产品货号: APRab10217



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | DYHC1 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody       |
| 宿主 (Host)              | Rabbit                           |
| 应用 (Application)       | IHC, ICC/IF                      |
| 种属反应性 (Reactivity)     | Human, Mouse, Rat                |

## 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, 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)        | DYNC1H1                                                              |
| 别名 (Alternative Names) | DHC1 DNCH1 DNCL DNECL DYHC KIAA0325                                  |
| 基因 ID (Gene ID)        | 1778.0                                                               |
| 蛋白 ID (SwissProt ID)   | Q14204.Synthesized peptide derived from part region of human protein |

## 产品应用 (Application)

|                          |                                   |
|--------------------------|-----------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:50-1:300, ICC/IF 1:50-1:200 |
| 蛋白分子量 (Molecular Weight) | 511kDa                            |

## 研究背景 (Background)

Dyneins are a group of microtubule-activated ATPases that function as molecular motors. They are divided into two subgroups of axonemal and cytoplasmic dyneins. The cytoplasmic dyneins function in intracellular motility, including

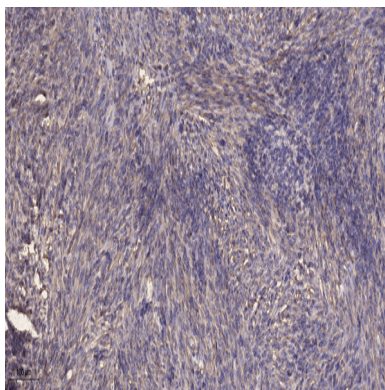
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retrograde axonal transport, protein sorting, organelle movement, and spindle dynamics. Molecules of conventional cytoplasmic dynein are comprised of 2 heavy chain polypeptides and a number of intermediate and light chains. This gene encodes a member of the cytoplasmic dynein heavy chain family. [provided by RefSeq, Oct 2008], domain: Dynein heavy chains probably consist of an N-terminal stem (which binds cargo and interacts with other dynein components), and the head or motor domain. The motor contains six tandemly-linked AAA domains in the head, which form a ring. A stalk-like structure (formed by two of the coiled coil domains) protrudes between AAA 4 and AAA 5 and terminates in a microtubule-binding site. A seventh domain may also contribute to this ring; it is not clear whether the N-terminus or the C-terminus forms this extra domain. There are four well-conserved and two non-conserved ATPase sites, one per AAA domain. Probably only one of these (within AAA 1) actually hydrolyzes ATP, the others may serve a regulatory function., function: Cytoplasmic dynein acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP., similarity: Belongs to the dynein heavy chain family., subunit: Consists of at least two heavy chains and a number of intermediate and light chains.,

## 研究领域 (Research Area)

## 图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200 (4° overnight) .  
2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min) .

## 注意事项 (Note)

For research use only .