

# Anti-RYK antibody ab5513

[1 References](#) [2 图像](#)

### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-RYK抗体  |
| 描述    | 兔多克隆抗体to RYK  |
| 宿主    | Rabbit  |
| 经测试应用 | 适用于: IHC-P, ELISA, WB   |
| 种属反应性 | 与反应: Human  |
| 免疫原   | Synthetic peptide conjugated to KLH, corresponding to amino acids 175-191 of Human RYK. |
| 阳性对照  | Jurkat cell lysate.   |

### 性能

|      |  |
|------|--|
| 形式   | Liquid   |
| 存放说明 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  |
| 存储溶液 | Preservative: 0.09% Sodium azide<br>Constituent: PBS   |
| 纯度   | Protein G purified   |
| 纯化说明 | This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS. |
| 克隆   | 多克隆  |
| 同种型  | IgG  |

### 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab5513于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

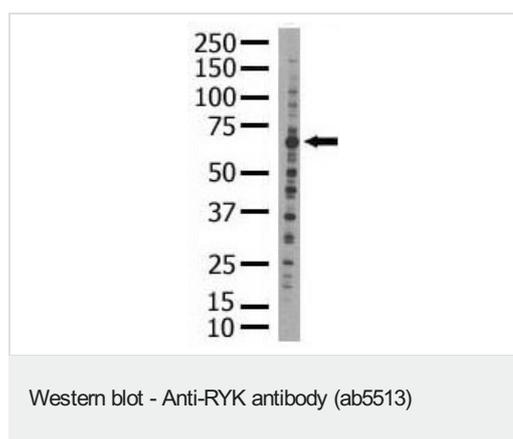
| 应用    | Ab评论 | 说明            |
|-------|------|---------------|
| IHC-P |      | 1/50 - 1/100. |
| ELISA |      | 1/1000.       |

| 应用 | Ab评论 | 说明  |
|----|------|---|
| WB |      | 1/100 - 1/500. Detects a band of approximately 67.5 kDa (predicted molecular weight: 72 kDa). |

## 靶标

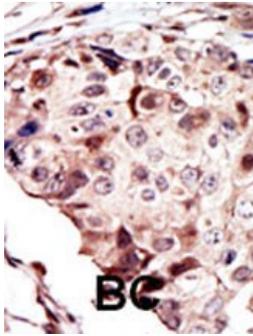
|              |  |
|--------------|--|
| <b>功能</b>    | May be a coreceptor along with FZD8 of Wnt proteins, such as WNT1, WNT3, WNT3A and WNT5A. Involved in neuron differentiation, axon guidance, corpus callosum establishment and neurite outgrowth. In response to WNT3 stimulation, receptor C-terminal cleavage occurs in its transmembrane region and allows the C-terminal intracellular product to translocate from the cytoplasm to the nucleus where it plays a crucial role in neuronal development. |
| <b>组织特异性</b> | Observed in all the tissues examined.  |
| <b>序列相似性</b> | Belongs to the protein kinase superfamily. Tyr protein kinase family.<br>Contains 1 protein kinase domain.<br>Contains 1 WIF domain.   |
| <b>结构域</b>   | The extracellular WIF domain is responsible for Wnt binding.   |
| <b>翻译后修饰</b> | Proteolytically cleaved, in part by presenilin, in response to WNT3 stimulation. Cleavage occurs during neuronal differentiation.  |
| <b>细胞定位</b>  | Membrane. Nucleus. Cytoplasm. In cells that have undergone neuronal differentiation, the C-terminal cleaved part is translocated from the cytoplasm to the nucleus.  |

## 图片



ab5513 at a 1/100 dilution staining approximately 67.5kDa band of RYK in Jurkat cell lysate by Western blot (ECL).

ab5513 at a 1/100 dilution staining approximately 67.5kDa band of RYK in Jurkat cell lysate by Western blot (ECL).



ab5513 staining RYK in human breast carcinoma (BC) tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RYK antibody (ab5513)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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