

**产品名称: EphA5 Rabbit Polyclonal Antibody**  
**产品货号: APRab10520**



## 产品概述 (Summary)

|                        |                                  |
|------------------------|----------------------------------|
| 产品名称 (Production Name) | EphA5 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,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, 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)        | EPHA5                                                                                                                                      |
| 别名 (Alternative Names) | EPHA5; BSK; EHK1; HEK7; TYRO4; Ephrin type-A receptor 5; Brain-specific kinase; EPH homology kinase 1; EHK-1; EPH-like kinase 7; EK7; hEK7 |
| 基因 ID (Gene ID)        | 2044.0                                                                                                                                     |
| 蛋白 ID (SwissProt ID)   | P54756.The antiserum was produced against synthesized peptide derived from human EPHA5. AA range:471-520                                   |

## 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) | 110kDa                                |

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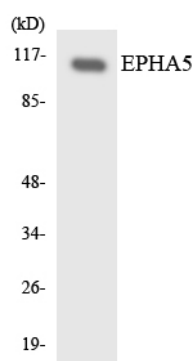
## 研究背景 (Background)

This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Aug 2013], alternative products: Additional isoforms seem to exist, catalytic activity:  $\text{ATP} + \text{a [protein]-L-tyrosine} = \text{ADP} + \text{a [protein]-L-tyrosine phosphate}$ , function: Receptor for members of the ephrin-A family. Binds to ephrin-A1, -A2, -A3, -A4 and -A5, similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family, similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily, similarity: Contains 1 protein kinase domain, similarity: Contains 1 SAM (sterile alpha motif) domain, similarity: Contains 2 fibronectin type-III domains, tissue specificity: Almost exclusively expressed in the nervous system.

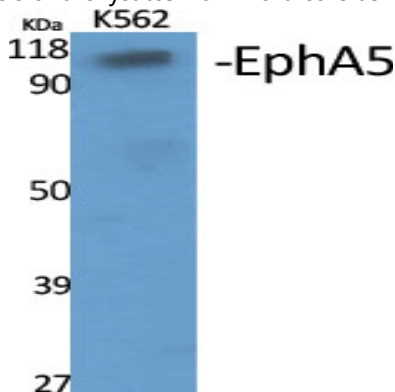
## 研究领域 (Research Area)

Axon guidance;

## 图片 (Image Data)



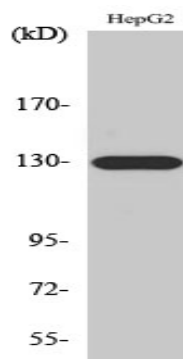
Western blot analysis of the lysates from HeLa cells using EPHA5 antibody.



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Western Blot analysis of various cells using EphA5 Polyclonal Antibody



Western Blot analysis of A549 cells using EphA5 Polyclonal Antibody

#### 注意事项 (Note)

For research use only .