

**产品名称: CD158k Rabbit Polyclonal Antibody**  
**产品货号: APRab08229**



## 产品概述 (Summary)

|                        |                                   |
|------------------------|-----------------------------------|
| 产品名称 (Production Name) | CD158k Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody        |
| 宿主 (Host)              | Rabbit                            |
| 应用 (Application)       | 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)        | KIR3DL2 CD158K NKAT4                                                                                                                                                                                                                                   |
| 别名 (Alternative Names) | Killer cell immunoglobulin-like receptor 3DL2 (CD158 antigen-like family member K; MHC class I NK cell receptor; Natural killer-associated transcript 4; NKAT-4; p70 natural killer cell receptor clone CL-5; p70 NK receptor CL-5; CD antigen CD158k) |
| 基因 ID (Gene ID)        | 3812.0                                                                                                                                                                                                                                                 |
| 蛋白 ID (SwissProt ID)   | P43630. Synthetic peptide from human protein at AA range: 221-270                                                                                                                                                                                      |

## 产品应用 (Application)

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000 |
| 蛋白分子量 (Molecular Weight) |                                                          |

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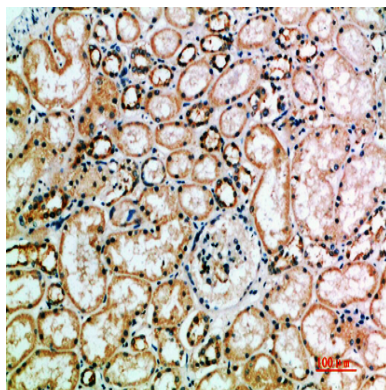
## 研究背景 (Background)

killer cell immunoglobulin like receptor, three Ig domains and long cytoplasmic tail 2(KIR3DL2) Homo sapiens Killer cell immunoglobulin-like receptors (KIRs) are transmembrane glycoproteins expressed by natural killer cells and subsets of T cells. The KIR genes are polymorphic and highly homologous and they are found in a cluster on chromosome 19q13.4 within the 1 Mb leukocyte receptor complex (LRC). The gene content of the KIR gene cluster varies among haplotypes, although several "framework" genes are found in all haplotypes (KIR3DL3, KIR3DP1, KIR3DL4, KIR3DL2). The KIR proteins are classified by the number of extracellular immunoglobulin domains (2D or 3D) and by whether they have a long (L) or short (S) cytoplasmic domain. KIR proteins with the long cytoplasmic domain transduce inhibitory signals upon ligand binding via an immune tyrosine-based inhibitory motif (ITIM), while KIR proteins with the short cytoplasmic domain lack the function: Receptor on natural killer (NK) cells for HLA-A alleles. Inhibits the activity of NK cells thus preventing cell lysis., similarity: Belongs to the immunoglobulin superfamily., similarity: Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,

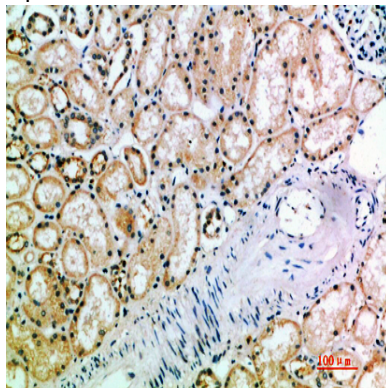
## 研究领域 (Research Area)

Antigen processing and presentation; Natural killer cell mediated cytotoxicity; Graft-versus-host disease;

## 图片 (Image Data)



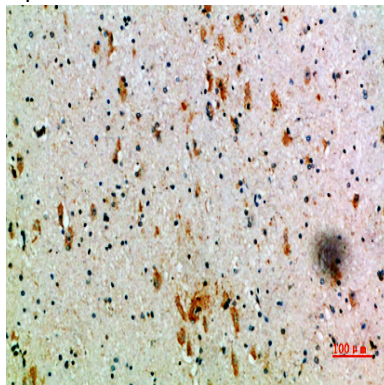
Immunohistochemical analysis of paraffin-embedded human kidney, antibody was diluted at 1:200



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Immunohistochemical analysis of paraffin-embedded human-kidney, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

#### **注意事项 (Note)**

For research use only .