

**产品名称: Olfactory receptor 4D1 Rabbit Polyclonal Antibody**  
**产品货号: APRab15223**



## 产品概述 (Summary)

|                        |                                                   |
|------------------------|---------------------------------------------------|
| 产品名称 (Production Name) | Olfactory receptor 4D1 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody                        |
| 宿主 (Host)              | Rabbit                                            |
| 应用 (Application)       | WB, 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)        | OR4D1                                                                                                      |
| 别名 (Alternative Names) | OR4D1; OR4D3; Olfactory receptor 4D1; Olfactory receptor 4D3; Olfactory receptor TPCR16                    |
| 基因 ID (Gene ID)        | 26689.0                                                                                                    |
| 蛋白 ID (SwissProt ID)   | Q15615. The antiserum was produced against synthesized peptide derived from human OR4D1. AA range: 261-310 |

## 产品应用 (Application)

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:20000-1:40000 |
| 蛋白分子量 (Molecular Weight) | 34kDa                                                       |

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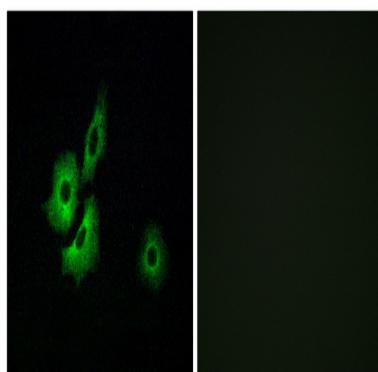
## 研究背景 (Background)

olfactory receptor family 4 subfamily D member 1(OR4D1) Homo sapiens Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. [provided by RefSeq, Jul 2008],function:Odorant receptor ,similarity:Belongs to the G-protein coupled receptor 1 family.,

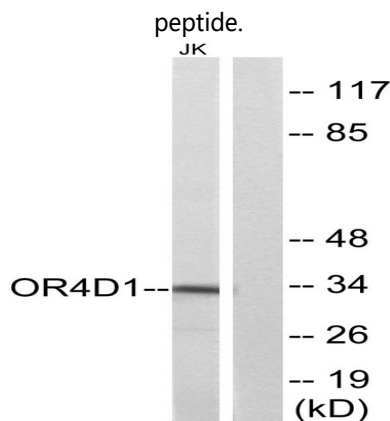
## 研究领域 (Research Area)

Olfactory transduction;

## 图片 (Image Data)

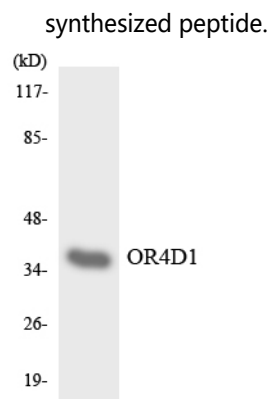


Immunofluorescence analysis of A549 cells, using OR4D1 Antibody. The picture on the right is blocked with the synthesized

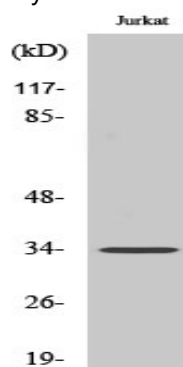


Western blot analysis of lysates from Jurkat cells, using OR4D1 Antibody. The lane on the right is blocked with the

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Western blot analysis of the lysates from HepG2 cells using OR4D1 antibody.



Western Blot analysis of various cells using Olfactory receptor 4D1 Polyclonal Antibody diluted at 1: 500

### 注意事项 (Note)

For research use only .