



# Olfactory receptor 10K1/2 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-13453                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reactivity         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Applications       | WB;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Name          | OR10K1/OR10K2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Name       | Olfactory receptor 10K1/2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human OR10K1/10K2. AA range:56-105                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity        | Olfactory receptor 10K1/2 Polyclonal Antibody detects endogenous levels of Olfactory receptor 10K1/2 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Dilution           | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Synonyms           | OR10K1; Olfactory receptor 10K1; Olfactory receptor OR1-6; OR10K2; Olfactory receptor 10K2; Olfactory receptor OR1-4                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Observed Band      | 35kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cell Pathway       | Cell membrane; Multi-pass membrane protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Tissue Specificity |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Function           | function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 family.,                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Background         | 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 |

Nanjing BYabscience technology Co.,Ltd



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],

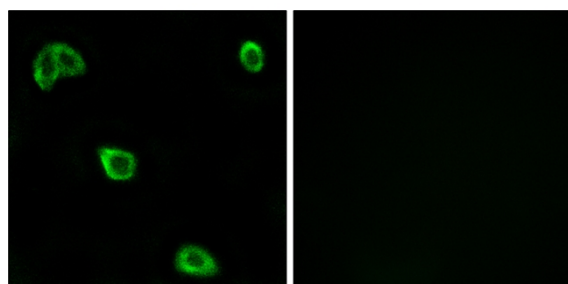
**matters needing attention**

Avoid repeated freezing and thawing!

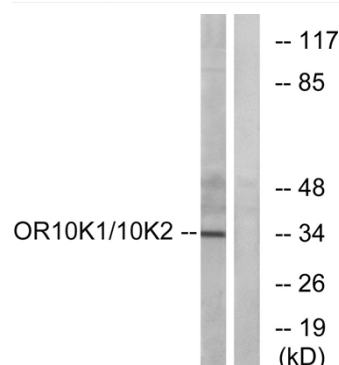
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

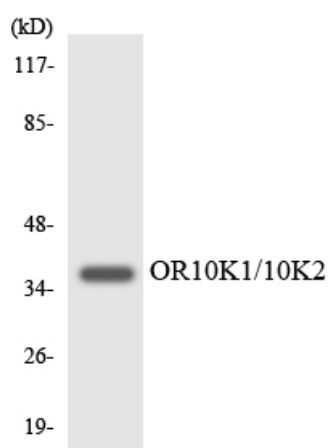
## Products Images



Immunofluorescence analysis of LOVO cells, using OR10K1/10K2 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using OR10K1/10K2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using OR10K1/10K2 antibody.

**Nanjing BYabscience technology Co.,Ltd**

网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658