

DNAXPAb

Hard-to-Find  
Antibody

## OR4K2 DNAXPab

Catalog # H00390431-W01P

Size 200 ug

### Specification

|                         |   |
|-------------------------|---|
| Product Description     | Rabbit polyclonal antibody raised against a partial-length human OR4K2 DNA using DNAX™ Immune technology. |
| Technology              | <a href="#">DNAX™ Immune</a>  |
| Immunogen               | Extracellular membrane domain (ECD) human DNA   |
| Host                    | Rabbit  |
| Reactivity              | Human   |
| Purification            | Protein A   |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.   |
| Storage Buffer          | In 1x PBS, pH 7.4   |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                  |

### Applications

- Western Blot (Transfected lysate)  
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

### Gene Info — OR4K2

|                     |   |
|---------------------|---|
| Entrez GeneID       | <a href="#">390431</a>  |
| GeneBank Accession# | <a href="#">NM_001005501.1</a>  |
| Protein Accession#  | <a href="#">NP_001005501.1</a>  |
| Gene Name           | OR4K2   |
| Gene Alias          | OR14-15   |
| Gene Description    | olfactory receptor, family 4, subfamily K, member 2   |
| Gene Ontology       | <a href="#">Hyperlink</a>   |
| Gene Summary        | <p>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]</p> |
| Other Designations  | olfactory receptor OR14-15  |

## Pathway

- [Olfactory transduction](#)