

### **OR2AK2 Antibody (C-term)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12212b

# **Specification**

### **OR2AK2 Antibody (C-term) - Product Information**

Application WB,E
Primary Accession Q8NG84

Other Accession NP 001004491.1

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Human
Rabbit
Polyclonal
Rabbit IgG
37763
259-287

### **OR2AK2 Antibody (C-term) - Additional Information**

#### Gene ID 391191

#### **Other Names**

Olfactory receptor 2AK2, Olfactory receptor 2AK1, Olfactory receptor OR1-47, OR2AK2, OR2AK1P

#### Target/Specificity

This OR2AK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 259-287 amino acids from the C-terminal region of human OR2AK2.

# **Dilution**

WB~~1:1000

### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

# **Precautions**

OR2AK2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

# **OR2AK2 Antibody (C-term) - Protein Information**

# Name OR2AK2

Synonyms OR2AK1P



Function Odorant receptor.

#### **Cellular Location**

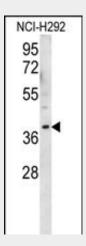
Cell membrane; Multi-pass membrane protein.

### **OR2AK2 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# OR2AK2 Antibody (C-term) - Images



OR2AK2 Antibody (C-term) (Cat. #AP12212b) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the OR2AK2 antibody detected the OR2AK2 protein (arrow).

### OR2AK2 Antibody (C-term) - 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 the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.

## OR2AK2 Antibody (C-term) - References

Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004)