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OR8K3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12487b

Specification

OR8K3 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q8NH51
Other Accession	NP_001005202.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**35463**
Antigen Region	**243-271**

OR8K3 Antibody (C-term) - Additional Information

Gene ID 219473

Other Names
Olfactory receptor 8K3, Olfactory receptor OR11-181, OR8K3

Target/Specificity
This OR8K3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-271 amino acids from the C-terminal region of human OR8K3.

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
OR8K3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

OR8K3 Antibody (C-term) - Protein Information

Name OR8K3

Function Odorant receptor.

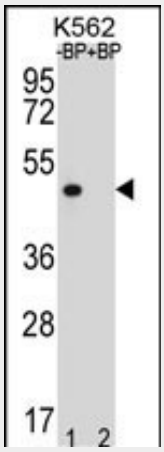
Cellular Location
Cell membrane; Multi-pass membrane protein.

OR8K3 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

OR8K3 Antibody (C-term) - Images



Western blot analysis of OR8K3 Antibody (C-term) Pab (Cat. #AP12487b) pre-incubated without(lane 1) and with(lane 2) blocking peptide in K562 cell line lysate. OR8K3 Antibody (C-term) (arrow) was detected using the purified Pab.

OR8K3 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.

OR8K3 Antibody (C-term) - References

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