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OR1A2 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15520

Product Information

Application	WB
Primary Accession	Q9Y585
Other Accession	NM_012352, NP_036484
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34396

Additional Information

Gene ID	26189
Alias Symbol	MGC119930, MGC119931, OR17-6
Other Names	Olfactory receptor 1A2, Olfactory receptor 17-6, OR17-6, Olfactory receptor OR17-10, OR1A2
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-OR1A2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	OR1A2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

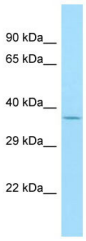
Protein Information

Name	OR1A2 {ECO:0000303|PubMed:17601748, ECO:0000312|HGNC:HGNC:8180}
Function	Olfactory receptor activated by citronellal, a citronellic terpenoid often described as having citrus, fruity or herbal smells (PubMed:17601748). Ligand-binding causes a conformation change that triggers signaling via G(s)-class of G alpha protein GNAL/G(olf), mediating activation of adenylate cyclase activity and increased production of cAMP, initiating a neuronal response that triggers the perception of a smell (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in the olfactory epithelium.

References

Glusman G.,et al.Genomics 63:227-245(2000).
Fuchs T.,et al.Genomics 80:295-302(2002).
Malnic B.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:2584-2589(2004).
Malnic B.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:7205-7205(2004).

Images



Host: Rabbit
Target Name: OR1A2
Sample Tissue: MCF7 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.