

Olfactory receptor 10Z1 Polyclonal Antibody

Catalog No: YT3268

Reactivity: Human; Monkey

Applications: WB;IF;ELISA

Target: Olfactory receptor 10Z1

Fields: >>Olfactory transduction

Gene Name: OR10Z1

Protein Name: Olfactory receptor 10Z1

Q8NGY1

Human Gene Id: 128368

Human Swiss Prot

No:

<u>____</u>

Immunogen: The antiserum was produced against synthesized peptide derived from human

OR10Z1. AA range:201-250

Specificity: Olfactory receptor 10Z1 Polyclonal Antibody detects endogenous levels of

Olfactory receptor 10Z1 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other

applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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Observed Band: 38kD

Cell Pathway : Olfactory transduction;

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. [provided by RefSeq, Jul 2008],

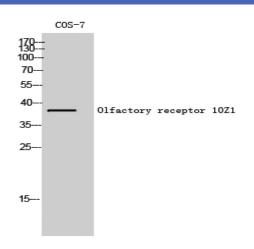
Function:

function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor 1 family.,

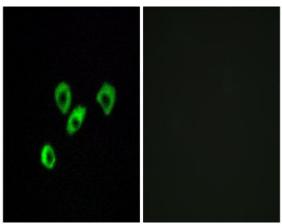
Subcellular Location:

Cell membrane; Multi-pass membrane protein.

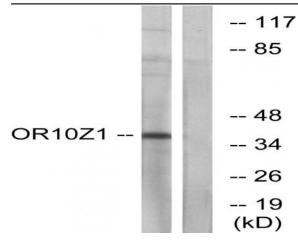
Products Images



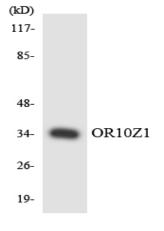
Western Blot analysis of COS-7 cells using Olfactory receptor 10Z1 Polyclonal Antibody



Immunofluorescence analysis of MCF7 cells, using OR10Z1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, using OR10Z1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using OR10Z1 antibody.