

Olfactory receptor 4N4 Polyclonal Antibody

Catalog No: YT3352

Reactivity: Human; Rat; Mouse;

Applications: WB;IF;ELISA

Target: Olfactory receptor 4N4

Fields: >>Olfactory transduction

Gene Name: OR4N4

Protein Name: Olfactory receptor 4N4

Q8N0Y3

Human Gene Id: 283694

Human Swiss Prot

No:

lo ·

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

OR4N4. AA range:56-105

Specificity: Olfactory receptor 4N4 Polyclonal Antibody detects endogenous levels of

Olfactory receptor 4N4 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)

1/2

Observed Band: 36kD

Cell Pathway : Olfactory transduction;

Background: olfactory receptor family 4 subfamily N member 4(OR4N4) Homo sapiens

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],

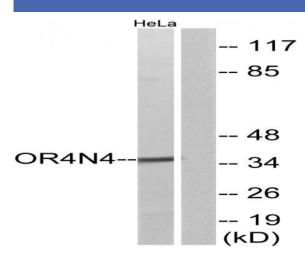
Function: function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor

1 family.,

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Products Images



Western blot analysis of lysates from HeLa cells, using OR4N4 Antibody. The lane on the right is blocked with the synthesized peptide.