

## Olfactory receptor 9Q2 Polyclonal Antibody

Catalog No: YT3458

Reactivity: Human

**Applications:** WB;IF;ELISA

Target: Olfactory receptor 9Q2

**Fields:** >>Olfactory transduction

Gene Name: OR9Q2

Protein Name: Olfactory receptor 9Q2

Q8NGE9

Human Gene Id: 219957

**Human Swiss Prot** 

No:

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

OR9Q2. AA range:232-281

**Specificity:** Olfactory receptor 9Q2 Polyclonal Antibody detects endogenous levels of

Olfactory receptor 9Q2 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 receptor family 9 subfamily Q member 2(OR9Q2) 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],

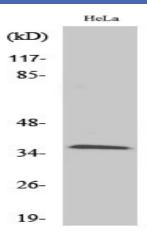
**Function:** function:Odorant receptor .,similarity:Belongs to the G-protein coupled receptor

1 family.,

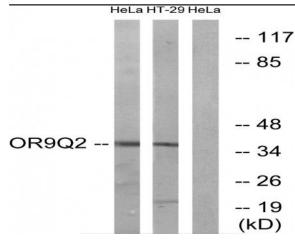
Subcellular Location:

Cell membrane; Multi-pass membrane protein.

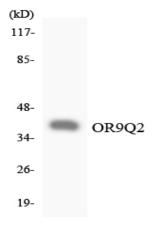
## **Products Images**



Western Blot analysis of various cells using Olfactory receptor 9Q2 Polyclonal Antibody



Western blot analysis of lysates from HeLa and HT-29 cells, using OR9Q2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HepG2 cells using OR9Q2 antibody.