

Olfactory receptor 511 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP06512

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human OR511. AA range:206-255

Mol wt 36049

Species reactivity Human

Clonality Polyclonal

Recommended application WB, IF, ELISA

Concentration 1 mg/ml

Full name Olfactory receptor 511 Antibody

Synonyms OR511; OLF1; Olfactory receptor 511; Olfactory receptor OR11-159; Olfactory receptor-like protein OLF1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

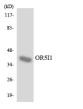
Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share 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.

Recommended Dilution

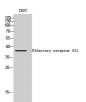
WB: 1: 500 - 1: 2000 IF: 1: 200 - 1: 1000 ELISA: 1: 10000

Not yet tested in other applications.

Images

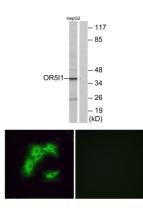


Western blot analysis of the lysates from RAW264.7cells using OR5I1 antibody.



Western Blot analysis of 293T cells using Olfactory receptor 511 Polyclonal Antibody diluted at

1:1000



Western blot analysis of lysates from HepG2 cells, using OR511 Antibody. The lane on the right is blocked with the synthesized peptide.

 $Immun of luorescence\ analysis\ of\ A549\ cells, using\ OR511\ Antibody.\ The\ picture\ on\ the\ right\ is\ blocked\ with\ the\ synthesized\ peptide.$

Storage

-20°C for one year

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