

# OR51E1 Rabbit pAb

**Catalog No.: A16599**

## Basic Information

**Observed MW**

Refer to figures

**Calculated MW**

35kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Human

## 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 Dilutions

**WB** 1:500 - 1:2000

## Immunogen Information

**Gene ID**

143503

**Swiss Prot**

Q8TCB6

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 200 to the C-terminus of human OR51E1 (NP\_689643.2).

**Synonyms**

POGR; DGPCR; PSGR2; D-GPCR; GPR136; GPR164; OR51E1P; OR52A3P; OR51E1

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.