



## Rabbit Anti-OR5B12 antibody

SL17927R

<b>Product Name:</b>	OR5B12
<b>Chinese Name:</b>	嗅觉受体5AU12抗体
<b>Alias:</b>	Olfactory receptor 5B12; Olfactory receptor 5B16; Olfactory receptor OR11-241; Olfactory receptor, family 5, subfamily B, member 12; Olfactory receptor, family 5, subfamily B, member 12 pseudogene; Olfactory receptor, family 5, subfamily B, member 16; OR11-241; OR5B12; OR5B12P; OR5B16; OR5BC_HUMAN; OST743.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	36kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human OR5B12:21-120/314<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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:**

Odorant receptor.

**Subcellular Location:**

Cell membrane.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**SWISS:**

Q96R08

**Gene ID:**

390191

**Database links:**

[Entrez Gene: 390191](#) Human

[SwissProt: Q96R08](#) Human

[Unigene: 553754](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.