

MaxPab®

## OR4Q3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00441669-B01P

Size 500 ug

### Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a full-length human OR4Q3 protein.
<b>Immunogen</b>	OR4Q3 (AAI53112.1, 1 a.a. ~ 313 a.a) full-length human protein.
<b>Sequence</b>	MKKEQDSNVTEFVLLGLSSSWELQLFLFLFFYIAVLGNLLMVTVQAHALLQSPMYFLGHLS FIDLCCLSCVTVPKMLGDFLQQGKSISFSGCLAQYFLHFLGASEMFLLTVMAYDRYVAICNPLRYLT VMNPQLCLWLVLACWCGGFIHSIMQVILVIQLPFCGPNELDNFYCDVPQVIKACMDTYVVEVLVIA NSGLLSLVCFLVLLFSYAILITLRTHFCQGQNKVFSTCASHLTVVSLIFVPCVFMYLRPFCFSFSVDKIF SLFYTVITPMLNPLIYTLRNTDMKTAMKKLRKPCGIPLPC
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (82)
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

### Gene Info — OR4Q3

Entrez GeneID

[441669](#)

GeneBank Accession#	<a href="#">BC153111.1</a>
Protein Accession#	<a href="#">AA153112.1</a>
Gene Name	OR4Q3
Gene Alias	C14orf13, HSA6, OR14-3, OR4Q4, c14_5008
Gene Description	olfactory receptor, family 4, subfamily Q, member 3
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
Other Designations	olfactory receptor OR14-3 olfactory receptor, family 4, subfamily Q, member 4

## Pathway

- [Olfactory transduction](#)