

MaxPab®

OR51V1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00283111-B01P

Size 500 ug

Specification

| | |
|--------------------------------|---|
| Product Description | Mouse polyclonal antibody raised against a full-length human OR51V1 protein. |
| Immunogen | OR51V1 (NP_001004760.2, 1 a.a. ~ 321 a.a) full-length human protein. |
| Sequence | MFLSSRMITSVSPSTSTNSSFLLTGFSGMEQQYPWLSIPFSSYAMVLLGNCMVLVHVIWTEPSLHQ PMFYFLSMLALTDLCMGLSTVYTVLGILWGIIREISLDSCIAQSYFIHGLSFMESSVLLTMAFDRYAIC NPLRYSSILTNSRIKIGLTIIGRSFFFITPPIICKFFNYCHFHLSHSFCLHQDLLRLACSDIRFNSYYAL MLVICILLDDAILILFSYLILKSVLAVASQEERHKLFQTCISHICAVLVFYIPIISLTMVHRFGKHLSPVAH VLIGNIYLFPPLMNPPIYSVKTQQIHTRMLRLFLSKRY |
| Host | Mouse |
| Reactivity | Human |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — OR51V1

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|----------------------------|--------------------------------|
| Entrez GeneID | 283111 |
| GeneBank Accession# | NM_001004760.2 |

| | |
|--------------------|---|
| Protein Accession# | NP_001004760.2 |
| Gene Name | OR51V1 |
| Gene Alias | OR11-36, OR51A12 |
| Gene Description | olfactory receptor, family 51, subfamily V, member 1 |
| Gene Ontology | Hyperlink |
| 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 | OTTHUMP00000069637 odorant receptor HOR3 β 1 olfactory receptor OR11-36 |

Pathway

- [Olfactory transduction](#)