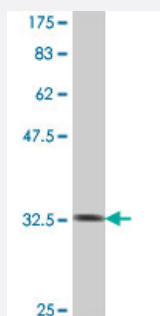


# OR2A42 polyclonal antibody (A01)

Catalog # H00402317-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (32.71 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant OR2A42.
<b>Immunogen</b>	OR2A42 (NP_001001802, 35 a.a. ~ 94 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	NGAILGLISLDSRLHTPMYFFLSHLAVVDIAYTRNTVPQMLANLLHPAKPISFAGCMTQT
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (73); Rat (70)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.71 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — OR2A42

Entrez GeneID [402317](#)

GeneBank Accession# [NM\\_001001802](#)

Protein Accession# [NP\\_001001802](#)

Gene Name OR2A42

Gene Alias -

Gene Description olfactory receptor, family 2, subfamily A, member 42

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

Other Designations -

## Pathway

- [Olfactory transduction](#)