

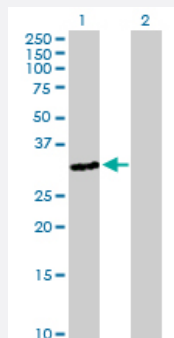
MaxPab®

OR3A4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00390756-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of OR3A4 expression in transfected 293T cell line ([H00390756-T01](#)) by OR3A4 MaxPab polyclonal antibody.

Lane 1: OR3A4 transfected lysate(38.28 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human OR3A4 protein.

Immunogen

OR3A4 (NP_001005334.1, 1 a.a. ~ 348 a.a) full-length human protein.

Sequence

MDLGNSGNDVVTKFVLLGLTETAALQPILFVIFLLAYVTTIGGTLILAAILMETKLHSPMYFFLGNL
SLPDVGCVSVTPAMLSHFISNDRSIPYKACLSLFFHLLAGADCFLLTIMAYDRYLAICQSLTYSS
RMSWGIQQALVGMSCVFSFTNALQTVALSPLNFCGPNVINHFYCDLPQPFQLSCSSVHLNGQLL
FVAAAFMGVAPLVLTIVSYAHVAAVLRIRSAEGRKKAFSTCSSHLTVVGIFYGTGVFSYTRLGSVE
SSDKDKGIGLNTVISPMLNPLMWTSLLDVGCISHCSSDAGVSPGPPVQSSLCCCLQFTALLSPPPG
WGGLSPLNSHGL

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.

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[Protocol Download](#)

Gene Info — OR3A4

Entrez GeneID	390756
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GeneBank Accession#	NM_001005334.1
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Protein Accession#	NP_001005334.1
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Gene Name	OR3A4
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Gene Alias	OLFRA05, OLFRA06, OR17-13, OR17-16, OR17-24, OR17-25, OR24, OR25, OR3A4P, OR3A5 P
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Gene Description	olfactory receptor, family 3, subfamily A, member 4
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Gene Ontology	Hyperlink
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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. This olfactory receptor gene is transcribed and contains an intact ORF, but it is predicted to be a pseudogene due to a poorly conserved 7-transmembrane domain structure. [provided by RefSeq]
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Other Designations	-
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