

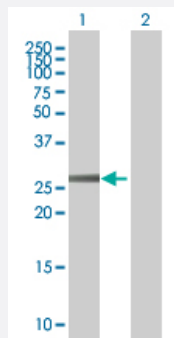
MaxPab®

OR2C1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00004993-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of OR2C1 expression in transfected 293T cell line ([H00004993-T01](#)) by OR2C1 MaxPab polyclonal antibody.

Lane 1: OR2C1 transfected lysate(34.32 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human OR2C1 protein.
Immunogen	OR2C1 (AAI30329.1, 1 a.a. ~ 312 a.a) full-length human protein.
Sequence	MDGVNDSSLQGFVLMGSDHPQLEMIFFIILFSYLLTLLGNSTIILLRLEARLHTPMYFFLSNLSSL DLAFATSSVPQMLINLWGPCKTISYGGCITQLYVFLWLGATECILLVMAFDTRYAVCRPLRYTAIM NPQLCWLLAVIAWLGGGLGNSVIQSTFTLQLPLCGHRRVEGFLCEVPAMIKLACGDTSLNQAVLNG VCTFFTAVPLSIVISYCLIAQAVLKIRSAEGRRKAFNTCLSHLLVVFLFYGSASYGYLLPAKNSKQDQ GKFISLFYSLVTPMVNPLIYTLRNMEVKGALRRLGKGREVG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of OR2C1 expression in transfected 293T cell line ([H00004993-T01](#)) by OR2C1 MaxPab polyclonal antibody.

Lane 1: OR2C1 transfected lysate(34.32 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — OR2C1

Entrez GeneID [4993](#)

GeneBank Accession# [NM_012368.1](#)

Protein Accession# [AAI30329.1](#)

Gene Name OR2C1

Gene Alias MGC163200, MGC95444, OLFmf3, OR2C2P

Gene Description olfactory receptor, family 2, subfamily C, member 1

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 olfactory receptor OR16-1|olfactory receptor OR16-2|olfactory receptor, family 2, subfamily C, member 2 pseudogene

Pathway

- [Olfactory transduction](#)