

Datasheet for ABIN2788165
anti-OR1D2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	OR1D2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human OR1D2
Sequence:	LHTYSVKDSV ATVMYAVVTP MMNPFIYSLR NKDMHGALGR LLDKHKFKRLT
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against OR1D2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR1D2
Alternative Name:	OR1D2 (OR1D2 Products)
Background:	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

Target Details

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.

Alias Symbols: MGC119942, MGC119943, OLFR1, OR17-4

Protein Size: 312

Molecular Weight: 35 kDa

Gene ID: 4991

NCBI Accession: [NM_002548](#), [NP_002539](#)

UniProt: [P34982](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 312 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

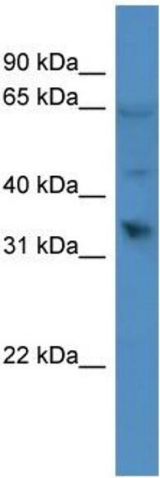
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-OR1D2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: A549 cell lysate OR1D2 is supported by BioGPS gene expression data to be expressed in A549