# antibodies .- online.com







Image



### Overview

Quantity:	100 μL
Target:	OR4M1
Binding Specificity:	C-Term
Reactivity:	Human, Pig, Rabbit, Rat, Cow, Dog, Horse, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4M1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human OR4M1
Sequence:	ISVVCFIALL MSYAFLLALL KKHSGSGENT NRAMSTCYSH ITIVVLMFGP
Predicted Reactivity:	Cow: 86%, Dog: 79%, Horse: 79%, Human: 100%, Mouse: 79%, Pig: 86%, Rabbit: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against OR4M1. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
	00.014
Target:	OR4M1

### **Target Details**

Background:
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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.

Alias Symbols: OR14-7

Protein Size: 313

Molecular Weight:

35 kDa

Gene ID:

441670

NCBI Accession:

NM\_001005500, NP\_001005500

UniProt:

Q8NGD0

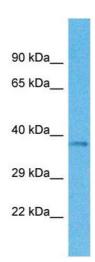
# **Application Details**

Restrictions:

For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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.