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# anti-OR4C6 antibody (C-Term)





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Quantity:	100 μL
Target:	OR4C6
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Guinea Pig, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4C6 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 OR4C6
Sequence:	VILCSLKSYS SKGRHKALST CSSHLTVVVL FFVPCIFLYM RPVVTHPIDK
Predicted Reactivity:	Cow: 79%, Guinea Pig: 86%, Human: 100%, Mouse: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against OR4C6. It was validated on Western Blot.
Purification:	Affinity Purified

# Target Details

Target:	OR4C6
Alternative Name:	OR4C6 (OR4C6 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 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: OR11-138

Protein Size: 309

 Molecular Weight:
 34 kDa

 Gene ID:
 219432

 NCBI Accession:
 NM\_001004704, NP\_001004704

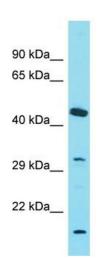
 UniProt:
 Q8NH72

# **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.



Host: Rabbit

Target Name: OR4C6

Sample Tissue: 721\_B Cell Lysate

Antibody Dilution: 1.0µg/ml

## **Western Blotting**

Image 1. Host: Rabbit Target Name: OR4C6 Sample Tissue: Human 721\_B Whole Cell Antibody Dilution: 1ug/ml