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## anti-OR2M2 antibody (C-Term)





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Quantity:	100 μL
Target:	OR2M2
Binding Specificity:	C-Term
Reactivity:	Human, Pig, Cow, Dog, Guinea Pig, Horse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2M2 antibody is un-conjugated
Application:	Western Blotting (WB)

### **Product Details**

Sequence:	FTTCSSHLMV VGMYYGAALF MYIRPTSDHS PTQDKMVSVF YTILTPMLNP
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Pig: 86%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against OR2M2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	OR2M2
Alternative Name:	OR2M2 (OR2M2 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: OR2M2Q, OST423

Protein Size: 347

 Molecular Weight:
 39 kDa

 Gene ID:
 391194

 NCBI Accession:
 NM\_001004688, NP\_001004688

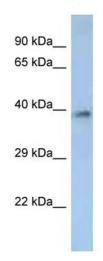
UniProt: Q96R28

#### **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 347 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.

Rabbit Anti-OR2M2 Antibody Catalog Number: ARP59740 Lot Number: QC32433 Lane: THP-1 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%