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anti-OR2M5 antibody (C-Term)





Overview

Quantity:	100 μL
Target:	OR2M5
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Cow, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2M5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	RRKAFTTCSS HLMVVGMYYG AGLFMYIRPT SDRSPMQDKL VSVFYTILTP
Predicted Reactivity:	Cow: 77%, Dog: 85%, Horse: 85%, Human: 100%, Pig: 77%
Characteristics:	This is a rabbit polyclonal antibody against OR2M5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR2M5
Alternative Name:	OR2M5 (OR2M5 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: OR2M5P

Protein Size: 312

Molecular Weight: 35 kDa

Gene ID: 127059

NCBI Accession: NM_001004690, NP_001004690

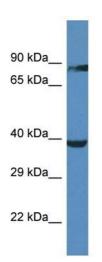
UniProt: A3KFT3

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.



Rabbit Anti-OR2M5 Antibody Catalog Number: ARP59741 Lot Number: QC32434 Lane: 293T Cell Lysate

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

Western Blotting

Image 1.