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Datasheet for ABIN2791738  
**anti-OR4F21 antibody (C-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	OR4F21
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4F21 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 OR4F21
Sequence:	HSTVLLFFG PPMFVYTRPH PNSQMDKFLA IFDAVLTPFL NPVVYTFRNK
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against OR4F21. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	OR4F21
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## Target Details

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Alternative Name: [OR4F21 \(OR4F21 Products\)](#)

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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: OR4F21P

Protein Size: 312

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Molecular Weight: 34 kDa

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Gene ID: 441308

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NCBI Accession: [NM\\_001005504](#), [NP\\_001005504](#)

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UniProt: [O95013](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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

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Preservative: Sodium azide

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

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Handling Advice: Avoid repeat freeze-thaw cycles.

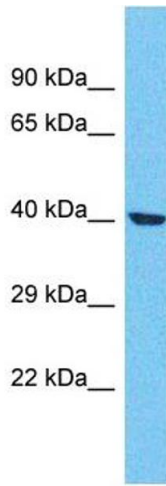
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Storage: -20 °C

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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.

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### Western Blotting

Image 1.