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Datasheet for ABIN2791774

## anti-OR8B4 antibody (C-Term)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	OR8B4
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Dog, Horse, Mouse, Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR8B4 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 OR8B4
Sequence:	TYLTTSFPGS MNHGRFASVF YTNVVPMLNP SIYSLRNKDD KLALGKTLKR
Predicted Reactivity:	Cow: 86%, Dog: 93%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against OR8B4. It was validated on Western Blot.
Purification:	Affinity Purified

#### Target Details

Target:	OR8B4
Alternative Name:	OR8B4 ( <a href="#">OR8B4 Products</a> )
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response

## Target Details

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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: OR11-315, OR8B4P

Protein Size: 309

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Molecular Weight:	33 kDa
Gene ID:	283162
NCBI Accession:	<a href="#">NM_001005196</a> , <a href="#">NP_001005196</a>
UniProt:	<a href="#">Q96RC9</a>

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## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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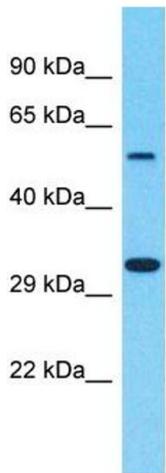
## Handling

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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.

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Host: Rabbit  
Target Name: OR8B4  
Sample Tissue: THP-1 Cell Lysate  
Antibody Dilution: 1.0µg/ml

### Western Blotting

**Image 1.** Host: Rabbit Target Name: OR8B4 Sample Type: THP-1 Whole Cell lysates Antibody Dilution: 1.0ug/ml