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Datasheet for ABIN2788164  
**anti-OR1C1 antibody (C-Term)**

1 Image

Overview

Quantity:	100 µL
Target:	OR1C1
Binding Specificity:	C-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR1C1 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 OR1C1
Sequence:	AVGGLLALTP LVCILVSYGL IFSTVLKITS TQ GKQRAVST CSCHLSVVVL
Predicted Reactivity:	Human: 100%, Pig: 86%
Characteristics:	This is a rabbit polyclonal antibody against OR1C1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR1C1
Alternative Name:	OR1C1 ( <a href="#">OR1C1 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: HSTPCR27, OR1-42, OR1.5.10, ORL211, TPCR27

Protein Size: 314

Molecular Weight:	35 kDa
Gene ID:	26188
NCBI Accession:	<a href="#">NM_012353</a> , <a href="#">NP_036485</a>
UniProt:	<a href="#">Q15619</a>

## Application Details

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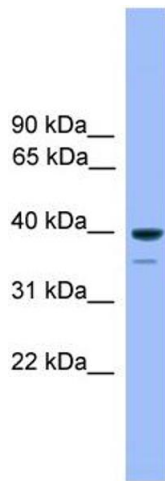
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 314 AA
Restrictions:	For Research Use only

## Handling

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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.** WB Suggested Anti-OR1C1 Antibody Titration: 1.0 ug/ml Positive Control: 721\_B Whole Cell