

Datasheet for ABIN2791717  
**anti-OR2A7 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	OR2A7
Binding Specificity:	C-Term
Reactivity:	Human, Pig, Rabbit, Rat, Cow, Dog, Horse, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2A7 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 OR2A7
Sequence:	MYVGPRYGNP KEQKKYLLLF HSLFNPMLNP LICSLRNSEV KNTLKRVLGV
Predicted Reactivity:	Cow: 86%, Dog: 100%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against OR2A7. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	OR2A7
Alternative Name:	OR2A7 ( <a href="#">OR2A7 Products</a> )
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response

## Target Details

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: HSDJ0798C17, OR2A21

Protein Size: 310

Molecular Weight:	34 kDa
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Gene ID:	401427
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NCBI Accession:	<a href="#">NM_001005328</a> , <a href="#">NP_001005328</a>
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UniProt:	<a href="#">Q96R45</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

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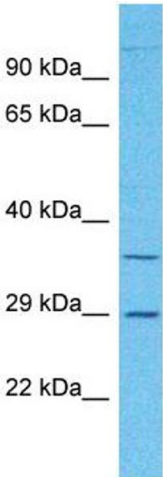
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeat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