

Datasheet for ABIN2791719  
**anti-OR2A42 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	OR2A42
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Pig, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2A42 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 OR2A42
Sequence:	FGSAIIMYMA PKSRHP EEQK KVFFLFYSFF NPTLNPLIYS LRNGEVKGAL
Predicted Reactivity:	Cow: 100%, Dog: 92%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 92%, Pig: 100%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against OR2A42. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	OR2A42
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## Target Details

Alternative Name: OR2A42 ([OR2A42 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: -

Protein Size: 310

Molecular Weight: 34 kDa

Gene ID: 402317

NCBI Accession: [NM\\_001005287](#), [NP\\_001005287](#)

UniProt: [Q8NGT9](#)

## Application Details

Restrictions: For Research Use only

## Handling

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.

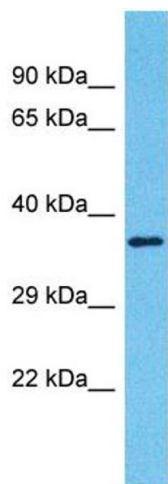
Preservative: Sodium azide

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.



**Western Blotting**

**Image 1.**