

Datasheet for ABIN2788182  
**anti-OR2H2 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	OR2H2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Horse, Rabbit, Rat, Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2H2 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 OR2H2
Sequence:	FCPDRQVDDF VCEVPALIRL SCEDTSYNEI QVAVASVFIL VVPLSLILVS
Predicted Reactivity:	Cow: 79%, Horse: 86%, Human: 100%, Mouse: 86%, Pig: 86%, Rabbit: 86%, Rat: 86%, Yeast: 82%
Characteristics:	This is a rabbit polyclonal antibody against OR2H2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	OR2H2
Alternative Name:	OR2H2 ( <a href="#">OR2H2 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: FAT11, MGC126732, MGC138381, OLFR2, OLFR42B, OR2H3, dJ271M21.2, hs6M1-12

Protein Size: 312

Molecular Weight:	35 kDa
Gene ID:	7932
NCBI Accession:	<a href="#">NM_007160</a> , <a href="#">NP_009091</a>
UniProt:	<a href="#">O95918</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 312 AA
Restrictions:	For Research Use only

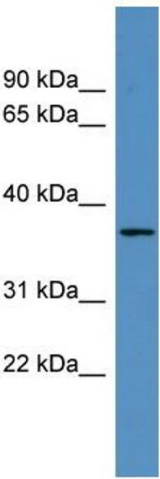
## Handling

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

Handling

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.

Images



Western Blotting

**Image 1.** WB Suggested Anti-OR2H2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human kidney