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Datasheet for ABIN2788180
anti-OR2H1 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	OR2H1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2H1 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 OR2H1
Sequence:	IAVYLQPKNP YAQGRGKFFG LFYAVGTPSL NPLVYTLRNK EIKRALRRLL
Predicted Reactivity:	Cow: 86%, Dog: 85%, Guinea Pig: 86%, Horse: 85%, Human: 100%, Mouse: 92%, Rabbit: 86%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against OR2H1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR2H1
Alternative Name:	OR2H1 (OR2H1 Products)

Target Details

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: 6M1-16, HS6M1-16, OLFR42A-9004-14, OR2H6, OR2H8, OR6-2, dJ994E9.4

Protein Interaction Partner: TINF2,

Protein Size: 316

Molecular Weight: 35 kDa

Gene ID: 26716

NCBI Accession: [NM_030883](#), [NP_112145](#)

UniProt: [Q9GZK4](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 316 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.

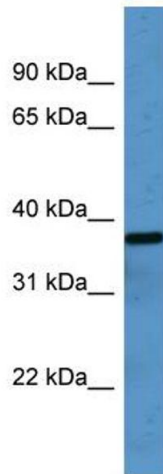
Handling Advice: Avoid repeated freeze-thaw cycles.

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



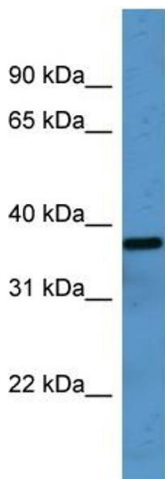
Western Blotting

Image 1. WB Suggested Anti-OR2H1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human brain



Rabbit Anti-OR2H1 Antibody
Catalog Number: ARP59729
Lot Number: QC30682
Lane: Fetal Brain Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-OR2H1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::2500

Positive Control: Human brain