

Datasheet for ABIN2790832
anti-OR3A1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	OR3A1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Horse, Mouse, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR3A1 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 OR3A1
Sequence:	CGSHLTVVAI FYGSGIFNYM RLGSTKLSDK DKAVGIFNTV INPMLNPIIY
Predicted Reactivity:	Horse: 92%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against OR3A1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR3A1
Alternative Name:	OR3A1 (OR3A1 Products)
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: OLFRA03, OR17-40, OR17-82, OR40

Protein Size: 315

Molecular Weight: 35 kDa

Gene ID: 4994

NCBI Accession: [NM_002550](#), [NP_002541](#)

UniProt: [P47881](#)

Application Details

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

Comment: Antigen size: 315 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.

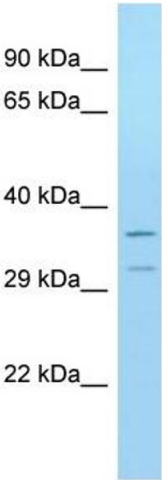
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

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. Host: Rabbit Target Name: OR3A1 Sample Type: PANC1 Whole Cell lysates Antibody Dilution: 1.0ug/ml