

Datasheet for ABIN2788177
anti-OR2D3 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	OR2D3
Binding Specificity:	C-Term
Reactivity:	Human, Pig, Rat, Cow, Dog, Horse, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2D3 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 OR2D3
Sequence:	LKAFSTCGSH LIVVVLFGYGS GIFTYMRPNS KTTKELDKMI SVFYTAVTTPM
Predicted Reactivity:	Cow: 86%, Dog: 100%, Horse: 93%, Human: 100%, Mouse: 79%, Pig: 79%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against OR2D3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR2D3
Alternative Name:	OR2D3 (OR2D3 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: OR11-89

Protein Size: 330

Molecular Weight: 37 kDa

Gene ID: 120775

NCBI Accession: [NM_001004684](#), [NP_001004684](#)

UniProt: [Q8NGH3](#)

Application Details

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

Comment: Antigen size: 330 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

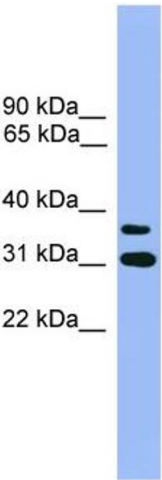
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.



Western Blotting

Image 1. WB Suggested Anti-OR2D3 Antibody Titration: 1.0 ug/ml Positive Control: 293T Whole Cell