

Datasheet for ABIN2791741
anti-OR4X2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	OR4X2
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Dog, Mouse, Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4X2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human OR4X2
Sequence:	FLVLSPNQEV QRVCFVIFLF LYTAIVLGNF LIVLTVMTSR SLGSPMYFFL
Predicted Reactivity:	Cow: 77%, Dog: 100%, Human: 100%, Mouse: 93%, Pig: 89%, Rabbit: 79%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against OR4X2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR4X2
Alternative Name:	OR4X2 (OR4X2 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: OR11-105

Protein Size: 303

Molecular Weight: 34 kDa

Gene ID: 119764

NCBI Accession: [NM_001004727](#), [NP_001004727](#)

UniProt: [Q8NGF9](#)

Application Details

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

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.

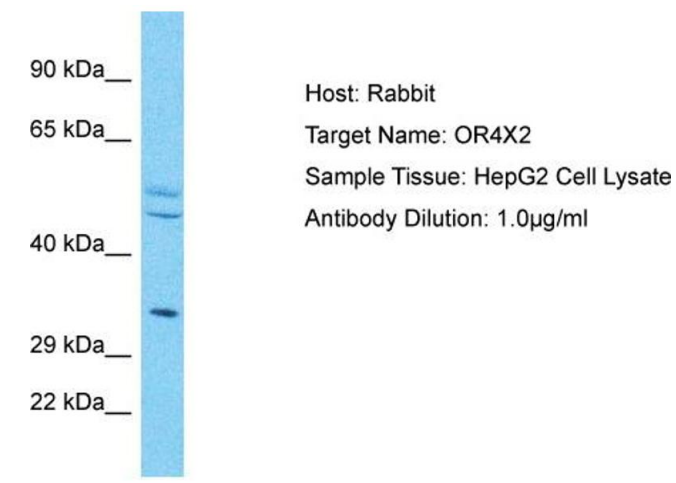
Preservative: Sodium azide

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. Host: Rabbit Target Name: OR4X2 Sample Type: HepG2 Whole Cell lysates Antibody Dilution: 1.0ug/ml