

Datasheet for ABIN2791743
anti-OR4N2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | OR4N2 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Rabbit, Rat, Cow, Dog, Horse, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OR4N2 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 OR4N2 |
| Sequence: | YTRPFRAFPA DKVVSLFHTV IFPLLNPVIY TLRNQEVKAS MKKVFNKHIA |
| Predicted Reactivity: | Cow: 82%, Dog: 100%, Horse: 77%, Human: 100%, Mouse: 90%, Rabbit: 100%, Rat: 92% |
| Characteristics: | This is a rabbit polyclonal antibody against OR4N2. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | OR4N2 |
| Alternative Name: | OR4N2 (OR4N2 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: OR14-13, OR14-8

Protein Size: 307

Molecular Weight: 34 kDa

Gene ID: 390429

NCBI Accession: [NM_001004723](#), [NP_001004723](#)

UniProt: [Q8NGD1](#)

Application Details

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.

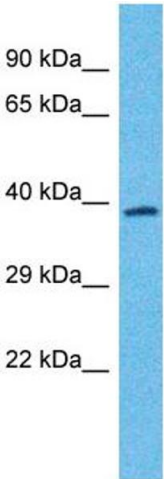
Preservative: Sodium azide

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.