

Datasheet for ABIN2791819

anti-Olfactory Receptor, Family 10, Subfamily K, Member 2 (OR10K2) (C-Term) antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Olfactory Receptor, Family 10, Subfamily K, Member 2 (OR10K2)
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human OR10K2
Sequence:	VSHLIIVTVH YGCASFIYLR PQSNYSSSQD ALISVSYTII TPLFNPMIYS
Predicted Reactivity:	Cow: 100%, Dog: 91%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against OR10K2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Olfactory Receptor, Family 10, Subfamily K, Member 2 (OR10K2)
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Target Details

Alternative Name: [OR10K2 \(OR10K2 Products\)](#)

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: OR1-4

Protein Size: 312

Molecular Weight: 34 kDa

Gene ID: 391107

NCBI Accession: [NM_001004476](#), [NP_001004476](#)

UniProt: [Q6IF99](#)

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.

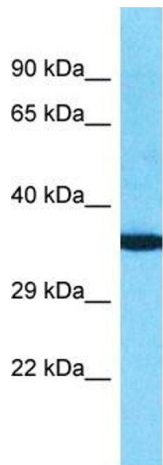
Preservative: Sodium azide

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.



Host: Rabbit
Target Name: OR10K2
Sample Tissue: Fetal Kidney Lysate
Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: OR10K2 Sample Type: Fetal Kidney lysates Antibody Dilution: 1.0ug/ml