Datasheet for ABIN2791799

anti-OR9G9 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	OR9G9
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR9G9 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 OR9G9
Sequence:	YIYALPRSSY SFDMDKIVST FYTEVLPMLN PMIYSLRNKD VKEALKKLLP
Predicted Reactivity:	Cow: 83%, Dog: 91%, Guinea Pig: 91%, Horse: 85%, Human: 100%, Mouse: 91%, Rabbit: 91%, Rat: 91%
Characteristics:	This is a rabbit polyclonal antibody against OR9G9. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR9G9
Alternative Name:	OR9G9 (OR9G9 Products)

Target Details

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: - Protein Size: 305
Molecular Weight:	33 kDa
Gene ID:	504191
NCBI Accession:	NM_001013358, NP_001013376
UniProt:	P0C7N8

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.

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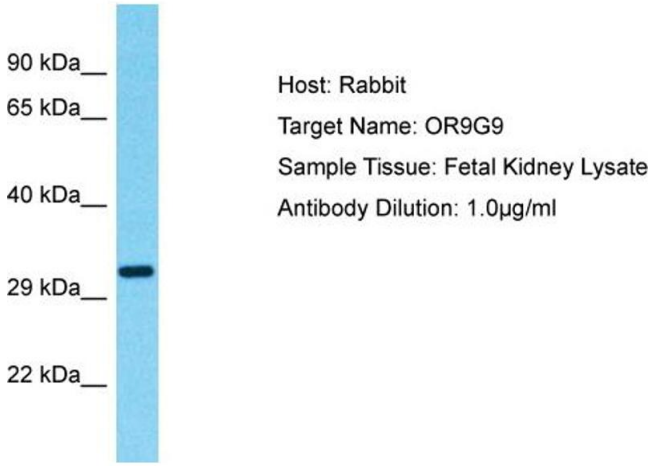
Images



Western Blotting

Image 1. Host: Rabbit Target Name: OR9G9 Sample Type: Fetal Kidney lysates Antibody Dilution: 1.0ug/ml

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