Datasheet for ABIN2791734

anti-OR4C16 antibody (C-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	OR4C16
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4C16 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 OR4C16
Sequence:	FMYTCLATVF PMDKMIAVFY TVGTSFLNPV IYTLKNTEVK SAMRKLWSKK
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 85%, Horse: 79%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against OR4C16. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR4C16

Target Details

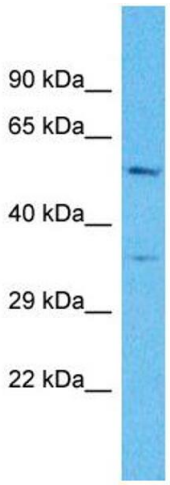
Alternative Name:	OR4C16 (OR4C16 Products)
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising 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: OR11-135 Protein Size: 310
Molecular Weight:	34 kDa
Gene ID:	219428
NCBI Accession:	NM_001004701, NP_001004701
UniProt:	Q8NGL9

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.

