Datasheet for ABIN5517406

anti-OR2G2 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	OR2G2
Binding Specificity:	C-Term
Reactivity:	Human, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2G2 antibody is un-conjugated
Application:	Please inquire

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human OR2G2
Sequence:	VTIFYGTIIF MYLQPAKSRS RDQGKFVSLF YTVVTRMLNP LIYTLRIKEV
Predicted Reactivity:	Cow: 93%, Dog: 79%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Rabbit: 79%, Rat: 79%
Purification:	Affinity purified

Target Details

Target:	OR2G2
Alternative Name:	OR2G2 (OR2G2 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

Target Details

	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: OR1-32 Protein Size: 317
Gene ID:	81470
NCBI Accession:	NM_001001915, NP_001001915
UniProt:	Q8NGZ5

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
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.
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.