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Datasheet for ABIN5517535 anti-OR4D6 antibody (C-Term)



Overview

Quantity:	100 µL
Target:	OR4D6
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4D6 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 OR4D6
Sequence:	YCRPFMTLPM DTTISINNTV ITPMLNPIIY SLRNQEMKSA MQRLQRRLGP
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 93%, Horse: 92%, Human: 100%, Mouse: 86%, Rabbit: 86%, Rat: 86%

Characteristics:	This is a rabbit polyclonal antibody against OR4D6. It was validated on Western Blot.

Purification: Affinity Purified

Target Details

Target:	OR4D6
Alternative Name:	OR4D6 (OR4D6 Products)

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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: OR11-250
	Protein Interaction Partner: APP,
	Protein Size: 314
Gene ID:	219983
NCBI Accession:	NM_001004708, NP_001004708
UniProt:	Q8NGJ1
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
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.

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