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Datasheet for ABIN2791732

anti-OR4A47 antibody (C-Term)

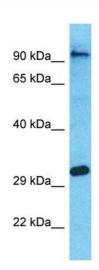




Overview	
Quantity:	100 μL
Target:	OR4A47
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4A47 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human OR4A47
Sequence:	ACTIVFLLLL ISYGVILHSL KNLSQKGRQK ALSTCSSHMT VVVFFFVPCI
Predicted Reactivity:	Cow: 100%, Dog: 91%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 91%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against OR4A47. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	OR4A47

Target Details

Alternative Name:	OR4A47 (OR4A47 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: OR11-113
	Protein Size: 309
Molecular Weight:	33 kDa
Gene ID:	403253
NCBI Accession:	NM_001005512, NP_001005512
UniProt:	Q6IF82
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: OR4A47

Sample Tissue: MCF7 Cell Lysate

Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: OR4A47 Sample Type: MCF7 Whole Cell lysates Antibody Dilution: 1.0ug/ml