antibodies -online.com







anti-OR4A47 antibody (C-Term)



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Overview		
Quantity:	400 μL	
Target:	OR4A47	
Binding Specificity:	AA 205-233, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This OR4A47 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This OR4A47 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 205-233 amino acids from the C-terminal region of human OR4A47.	
Clone:	RB28882	
Isotype:	Ig Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	OR4A47	
Alternative Name:	OR4A47 (OR4A47 Products)	
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response	

Target Details

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.

 Molecular Weight:
 34760

 Gene ID:
 403253

 NCBI Accession:
 NP_001005512

 UniProt:
 Q6IF82

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
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:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	

Western Blotting

Image 1. OR4A47 Antibody (C-term) (ABIN655022 and ABIN2844654) western blot analysis in NCI- cell line lysates (35 μ g/lane).This demonstrates the OR4A47 antibody detected the OR4A47 protein (arrow).