



[Go to Product page](#)

Datasheet for ABIN656933
anti-OR10G9 antibody (AA 211-239)

2 Images

Overview

Quantity:	400 µL
Target:	OR10G9
Binding Specificity:	AA 211-239
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR10G9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This OR10G9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-239 amino acids of human OR10G9.
Clone:	RB32727
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR10G9
Alternative Name:	OR10G9 (OR10G9 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.

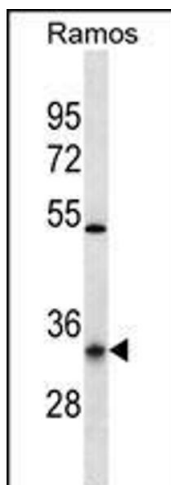
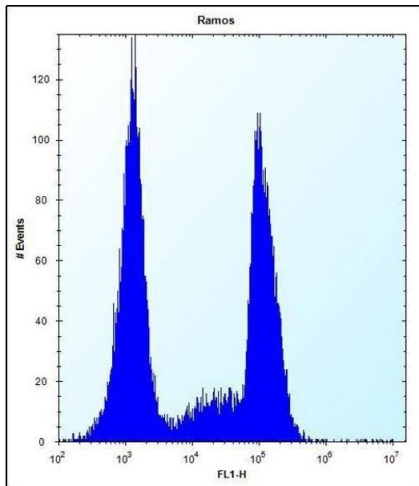
Molecular Weight:	34574
Gene ID:	219870
NCBI Accession:	NP_001001953
UniProt:	Q8NGN4

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
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:	OR10G9 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Flow Cytometry

Image 1. OR10G9 Antibody (C-term) (ABIN656933 and ABIN2846123) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. OR10G9 Antibody (C-term) (ABIN656933 and ABIN2846123) western blot analysis in Ramos cell line lysates (35 µg/lane). This demonstrates the OR10G9 antibody detected the OR10G9 protein (arrow).