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Datasheet for ABIN655371
anti-OR10Z1 antibody (C-Term)

1 Image

Overview

Quantity:	400 µL
Target:	OR10Z1
Binding Specificity:	AA 284-313, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR10Z1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR10Z1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 284-313 amino acids from the C-terminal region of human OR10Z1.
Clone:	RB29519
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR10Z1
Alternative Name:	OR10Z1 (OR10Z1 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.

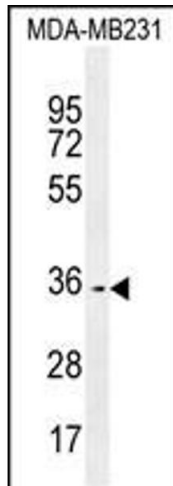
Molecular Weight:	34609
Gene ID:	128368
NCBI Accession:	NP_001004478
UniProt:	Q8NGY1

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. OR10Z1 Antibody (C-term) (ABIN655371 and ABIN2844927) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the OR10Z1 antibody detected the OR10Z1 protein (arrow).