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Datasheet for ABIN655290
anti-OR10G2 antibody (N-Term)

1 Image

Overview

Quantity:	400 µL
Target:	OR10G2
Binding Specificity:	AA 68-95, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR10G2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR10G2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-95 amino acids from the N-terminal region of human OR10G2.
Clone:	RB28909
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR10G2
Alternative Name:	OR10G2 (OR10G2 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.

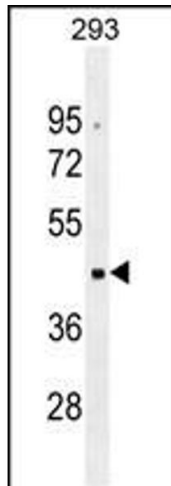
Molecular Weight:	34472
Gene ID:	26534
NCBI Accession:	NP_001005466
UniProt:	Q8NGC3

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. OR10G2 Antibody (N-term) (ABIN655290 and ABIN2844879) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the OR10G2 antibody detected the OR10G2 protein (arrow).