

Datasheet for ABIN1537059
anti-OR51G1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	OR51G1
Binding Specificity:	AA 287-316, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR51G1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR51G1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 287-316 amino acids from the C-terminal region of human OR51G1.
Clone:	RB30236
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR51G1
Alternative Name:	OR51G1 (OR51G1 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: 36290

Gene ID: 79324

NCBI Accession: [NP_001005237](#)

UniProt: [Q8NGK1](#)

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.

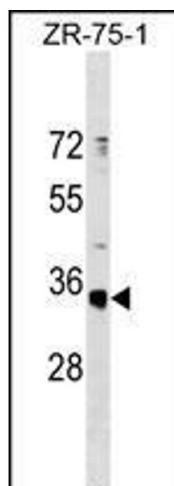
Preservative: Sodium azide

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: OR51G1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. OR51G1 Antibody (C-term) (ABIN1537059 and ABIN2849831) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the OR51G1 Antibody detected the OR51G1 protein (arrow).