

Datasheet for ABIN1539512
anti-OR2AG2 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	OR2AG2
Binding Specificity:	AA 64-90, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR2AG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 64-90 amino acids from the N-terminal region of human OR2AG2.
Clone:	RB38535
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR2AG2
Alternative Name:	OR2AG2 (OR2AG2 Products)
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response 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

Target Details

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.

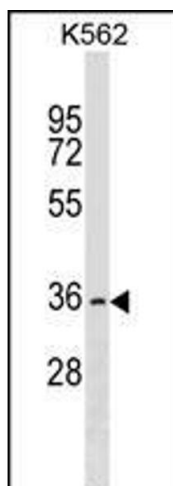
Molecular Weight:	35270
Gene ID:	338755
NCBI Accession:	NP_001004490
UniProt:	A6NM03

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:	OR2AG2 Antibody (N-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. OR2AG2 Antibody (N-term) (ABIN1539512 and ABIN2849805) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the OR2AG2 antibody detected the OR2AG2 protein (arrow).