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Datasheet for ABIN1539552
anti-OR2A4 antibody (N-Term)

1 Image

Overview

Quantity:	400 µL
Target:	OR2A4
Binding Specificity:	AA 70-96, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR2A4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70-96 amino acids from the N-terminal region of human OR2A4.
Clone:	RB38534
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR2A4
Alternative Name:	OR2A4 (OR2A4 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: 34802

Gene ID: 79541

NCBI Accession: [NP_112170](#)

UniProt: [O95047](#)

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.

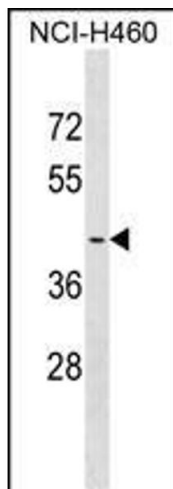
Preservative: Sodium azide

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: OR2A4 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. OR2A4 Antibody (N-term) (ABIN1539552 and ABIN2849804) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the OR2A4 antibody detected the OR2A4 protein (arrow).