

Datasheet for ABIN953831

anti-OR1D2 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	OR1D2
Binding Specificity:	AA 285-312, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR1D2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 285-312 amino acids from the C-terminal region of Human Olfactory receptor 1D2 Genename: OR1D2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory receptor 1D2 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OR1D2
Alternative Name:	Olfactory Receptor 1D2 (OR1D2 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. Synonyms: OLFR1, OR1D2, Olfactory receptor 17-4, Olfactory receptor OR17-6, Olfactory receptor-like protein HGMP07E

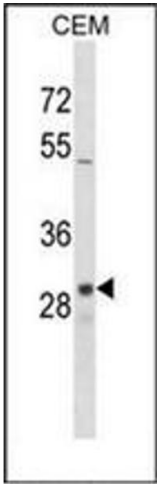
Molecular Weight:	35240 Da
Gene ID:	4991
NCBI Accession:	NP_002539
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of OR1D2 Antibody (C-term) in CEM cell line lysates (35ug/lane). This demonstrates the OR1D2 antibody detected the OR1D2 protein (arrow).