Datasheet for ABIN5517758

anti-OR14I1 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	OR14I1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR14I1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human OR14I1
Sequence:	LGCFILMMIS YFQIFSTVLR IPSGQSRAKA FSTCSPQLIV IMLFLTTGLF
Characteristics:	This is a rabbit polyclonal antibody against OR14I1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OR14I1
Alternative Name:	OR14I1 (OR14I1 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. Alias Symbols: OR14I1, OR5BU1, OR5BU1P, Protein Interaction Partner: ELAVL1, Protein Size: 311
Gene ID:	401994
NCBI Accession:	XP_005273189
UniProt:	A6ND48

Application Details

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

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

