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# Datasheet for ABIN655863 anti-OR2T3 antibody (C-Term)

3 Images



#### Overview

Quantity:	400 μL
Target:	OR2T3
Binding Specificity:	AA 280-308, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2T3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This OR2T3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 280-308 amino acids from the C-terminal region of human OR2T3.
Clone:	RB29949
lsotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	OR2T3
Alternative Name:	OR2T3 (OR2T3 Products)

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## Target Details

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
	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:	35598
Gene ID:	343173
NCBI Accession:	NP_001005495
UniProt:	Q8NH03

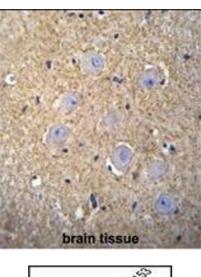
## Application Details

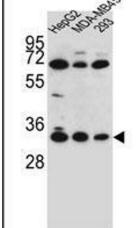
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

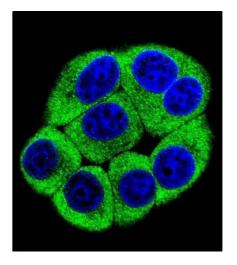
## Handling

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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

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#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** OR2T3 Antibody (C-term) (ABIN655863 and ABIN2845270) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of OR2T3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### Western Blotting

**Image 2.** OR2T3 Antibody (C-term) (ABIN655863 and ABIN2845270) western blot analysis in HepG2,MDA-M,293 cell line lysates (35 µg/lane).This demonstrates the OR2T3 antibody detected the OR2T3 protein (arrow).

#### Immunofluorescence

**Image 3.** Confocal immunofluorescent analysis of OR2T3 Antibody (C-term) (ABIN655863 and ABIN2845270) with 293 cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green). DI was used to stain the cell nuclear (blue).

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