

Datasheet for ABIN655924
anti-OR4A15 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	OR4A15
Binding Specificity:	AA 270-298, C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR4A15 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR4A15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 270-298 amino acids from the C-terminal region of human OR4A15.
Clone:	RB29794
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR4A15
Alternative Name:	OR4A15 (OR4A15 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.

Molecular Weight:	38828
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Gene ID:	81328
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NCBI Accession:	NP_001005275
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UniProt:	Q8NGL6
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Application Details

Application Notes:	WB: 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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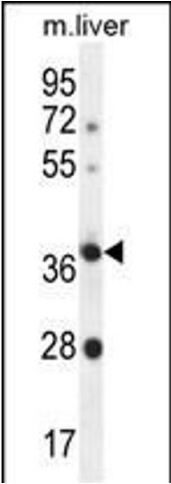
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage 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.
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Expiry Date:	6 months
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Western Blotting

Image 1. OR4A15 Antibody (C-term) (ABIN655924 and ABIN2845319) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the OR4A15 antibody detected the OR4A15 protein (arrow).