

Datasheet for ABIN654594
anti-OR10X1 antibody (AA 83-112)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	OR10X1
Binding Specificity:	AA 83-112
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR10X1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR10X1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 83-112 amino acids from the Central region of human OR10X1.
Clone:	RB28516
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR10X1
Alternative Name:	OR10X1 (OR10X1 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.

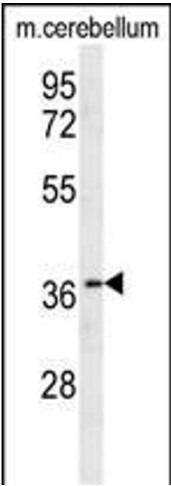
Molecular Weight:	36446
Gene ID:	128367
NCBI Accession:	NP_001004477
UniProt:	Q8NGY0

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:	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



Western Blotting

Image 1. OR10X1 Antibody (Center) (ABIN654594 and ABIN2844293) western blot analysis in mouse cerebellum tissue lysates (35 µg/lane). This demonstrates the OR10X1 antibody detected the OR10X1 protein (arrow).