



Datasheet for ABIN1536620
anti-OR5B12 antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	OR5B12
Binding Specificity:	AA 278-307, C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR5B12 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 278-307 amino acids from the C-terminal region of human OR5B12.
Clone:	609CT8-2-4
Isotype:	IgG2b
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	OR5B12
Alternative Name:	OR5B12 (OR5B12 Products)
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

Target Details

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.

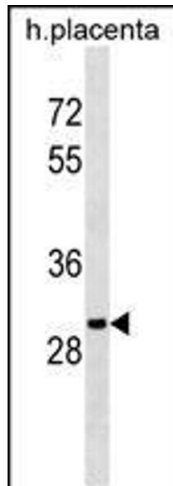
Molecular Weight:	35182
Gene ID:	390191
NCBI Accession:	NP_001004733
UniProt:	Q96R08

Application Details

Application Notes:	WB: 1:100~250
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal 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:	OR5B12 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. OR5B12 Antibody (C-term) (ABIN1536620 and ABIN2843880) western blot analysis in human placenta tissue lysates (35 µg/lane). This demonstrates the OR5B12 antibody detected the OR5B12 protein (arrow).