Datasheet for ABIN1881609

anti-OR6S1 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	OR6S1
Binding Specificity:	AA 281-310, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR6S1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR6S1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 281-310 amino acids from the C-terminal region of human OR6S1.
Clone:	RB41086
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR6S1
Alternative Name:	OR6S1 (OR6S1 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:	36127
NCBI Accession:	NP_001001968
UniProt:	Q8NH40

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
Expiry Date:	6 months

Publications

Product cited in:	Sun, Sun, Chen, Liao, He, Wang, Chen, Hu, Qiu: "microRNA-27b shuttled by mesenchymal stem cell-derived exosomes prevents sepsis by targeting JMJD3 and downregulating NF-κB signaling pathway." in: **Stem cell research & therapy**, Vol. 12, Issue 1, pp. 14, (2021) (PubMed). Reithmair, Buschmann, Märte, Kirchner, Hagl, Kaufmann, Pfob, Chouker, Steinlein, Pfaffl, Schelling: "Cellular and extracellular miRNAs are blood-compartment-specific diagnostic targets

Publications

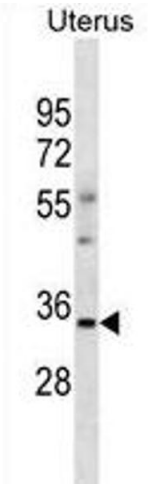
in sepsis." in: **Journal of cellular and molecular medicine**, Vol. 21, Issue 10, pp. 2403-2411, (2018) (PubMed).

Youn, Friesen, Kishimoto, Henne, Kurat, Ye, Ceccarelli, Sicheri, Kohlwein, McMahon, Andrews: " Dissecting BAR domain function in the yeast Amphiphysins Rvs161 and Rvs167 during endocytosis." in: **Molecular biology of the cell**, Vol. 21, Issue 17, pp. 3054-69, (2010) (PubMed).

Qian, Shi, Pang, Wu, Yu, Li, Wang, Zhou: "[Identification and expression of two new secretory proteins associated with prostate cancer]." in: **Yi chuan = Hereditas / Zhongguo yi chuan xue hui bian ji**, Vol. 32, Issue 3, pp. 235-41, (2010) (PubMed).

Hwangbo, Kim, Lee, Lee: "Activation of the integrin effector kinase focal adhesion kinase in cancer cells is regulated by crosstalk between protein kinase Calpha and the PDZ adapter protein mda-9/Syntenin." in: **Cancer research**, Vol. 70, Issue 4, pp. 1645-55, (2010) (PubMed).

Images



Western Blotting

Image 1. OR6S1 Antibody (C-term) (ABIN1881609 and ABIN2838743) western blot analysis in human Uterus tissue lysates (35 µg/lane).This demonstrates the OR6S1 antibody detected the OR6S1 protein (arrow).