

Datasheet for ABIN1881610
anti-OR8A1 antibody (N-Term)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	400 µL
Target:	OR8A1
Binding Specificity:	AA 10-39, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR8A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This OR8A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-39 amino acids from the N-terminal region of human OR8A1.
Clone:	RB40808
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OR8A1
Alternative Name:	OR8A1 (OR8A1 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: 36388

NCBI Accession: [NP_001005194](#)

UniProt: [Q8NKG7](#)

Application Details

Application Notes: WB: 1:500

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

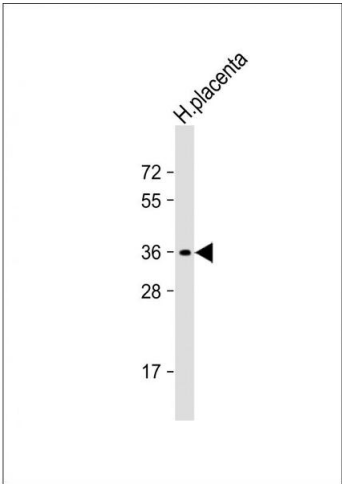
Expiry Date: 6 months

Publications

Product cited in: Choudhary, Kumar, Gnad, Nielsen, Rehman, Walther, Olsen, Mann: "Lysine acetylation targets protein complexes and co-regulates major cellular functions." in: **Science (New York, N.Y.)**, Vol. 325, Issue 5942, pp. 834-40, (2009) ([PubMed](#)).

Dickeson, Helmkamp, Yarbrough: "Sequence of a human cDNA encoding phosphatidylinositol transfer protein and occurrence of a related sequence in widely divergent eukaryotes." in: **Gene**,

Images



Western Blotting

Image 1. Anti-OR8A1 Antibody (N-term) at 1:500 dilution + human placenta lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.