

Datasheet for ABIN7269089
anti-OR3A1 antibody (AA 254-315)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	OR3A1
Binding Specificity:	AA 254-315
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR3A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	OR3A1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 254-315 of human OR3A1 (NP_002541.2).
Sequence:	FYGSGIFNYM RLGSTKLSDK DKAVGIFNTV INPMLNPIIY SFRNPDVQSA IWRMLTGRRS LA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

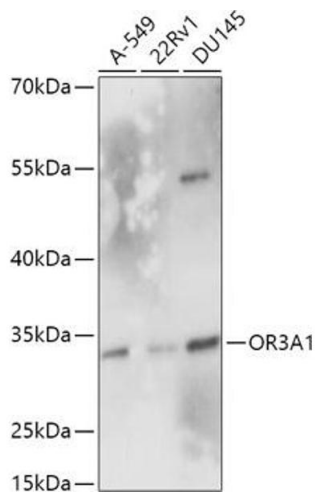
Target:	OR3A1
Alternative Name:	OR3A1 (OR3A1 Products)
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory 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. [provided by RefSeq, Jul 2008],OLFRA03,OR17-40,OR17-82,OR40,OR3A1,Signal Transduction,G protein signaling,G-Protein-Coupled Receptors(GPCR),Neuroscience,OR3A1
Gene ID:	4994
UniProt:	P47881

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using OR3 antibody (7512) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.