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Datasheet for ABIN2788167

anti-Olr1087 antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	Olr1087 (OLR1087)
Binding Specificity:	C-Term
Reactivity:	Cow, Horse, Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Olr1087 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Rat Olr1087
Sequence:	FYGTIFTGYL LPASPPSSSQK DKAAALMFGV VIPTLNPFYIY SLRNKDMKAA
Predicted Reactivity:	Cow: 86%, Horse: 79%, Human: 100%, Mouse: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against Olr1087. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Olr1087 (OLR1087)
Alternative Name:	Olr1087 (OLR1087 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.

Alias Symbols: ratchr7-12543995-12544936_ORF

Protein Size: 313

Molecular Weight:	34 kDa
Gene ID:	299586
NCBI Accession:	NM_001000418 , NP_001000418
UniProt:	D3ZZN7

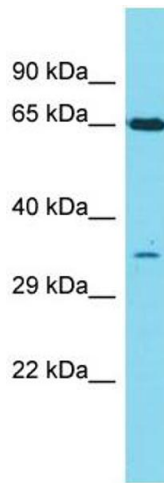
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 313 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit

Target Name: Olr1087

Sample Tissue: Rat Spleen lysates

Antibody Dilution: 1.0 µg/mL