Datasheet for ABIN2777483

anti-OR13C9 antibody (Middle Region)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	OR13C9
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Dog, Horse, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR13C9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human OR13C9
Sequence:	IFYGTILFMY MKPKSKETLN SDDLDATDKI ISMFYGVMTP MMNPLIYSLR
Predicted Reactivity:	Cow: 79%, Dog: 93%, Horse: 86%, Human: 100%, Pig: 79%, Rat: 77%
Characteristics:	This is a rabbit polyclonal antibody against OR13C9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	OR13C9
Alternative Name:	OR13C9 (OR13C9 Products)

Target Details

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. Alias Symbols: OR37L, OR9-13 Protein Size: 318
Molecular Weight:	36 kDa
Gene ID:	286362
NCBI Accession:	NM_001001956, NP_001001956
UniProt:	Q8NGS9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 318 AA
Restrictions:	For Research Use only

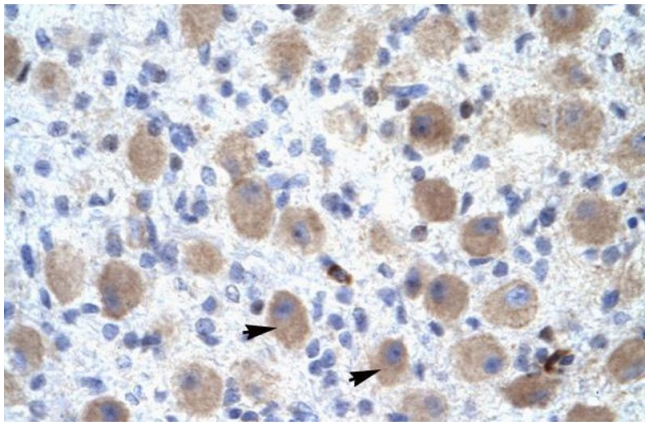
Handling

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

Handling

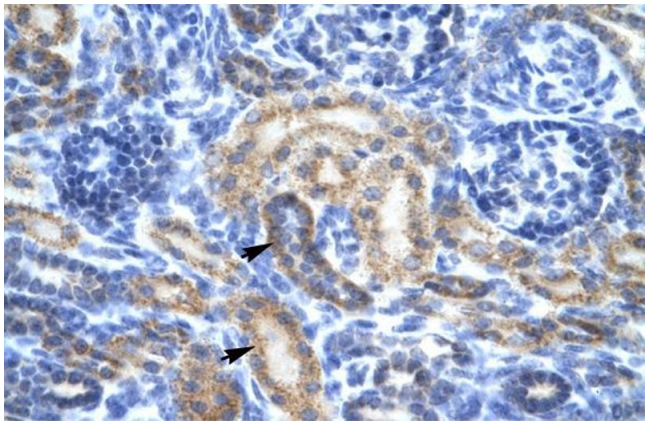
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Rabbit Anti-OR13C9 Antibody Catalog Number: ARP31898 Paraffin Embedded Tissue: Human Brain Cellular Data: Neural Cells Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Immunohistochemistry

Image 2. Rabbit Anti-OR13C9 Antibody Catalog Number: ARP31898 Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

Western Blotting

Image 3. WB Suggested Anti-OR13C9 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate