



Datasheet for ABIN2777357
anti-OR13C5 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	OR13C5
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Dog, Horse, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR13C5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human OR13C5
Sequence:	CGTIFLMYMK PKSQETLNSD DLDATDKLIF IFYRVMTTPMM NPLIYSLRNK
Predicted Reactivity:	Cow: 86%, Dog: 100%, Horse: 93%, Human: 100%, Pig: 86%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against OR13C5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	OR13C5
Alternative Name:	OR13C5 (OR13C5 Products)

Target Details

Background:	<p>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.</p> <p>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.</p> <p>Alias Symbols: OR9-11</p> <p>Protein Size: 318</p>
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Molecular Weight:	36 kDa
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Gene ID:	138799
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NCBI Accession:	NM_001004482 , NP_001004482
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UniProt:	Q8NGS8
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Application Details

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

Format:	Liquid
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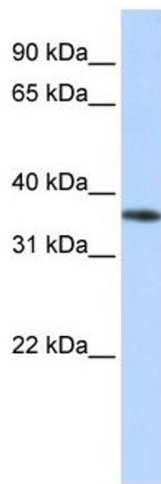
Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-OR13C5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Liver