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Datasheet for ABIN2788230

anti-OLFR329-PS antibody (Middle Region)

1 Image

Overview

Quantity:	100 µL
Target:	OLFR329-PS
Binding Specificity:	Middle Region
Reactivity:	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OLFR329-PS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	TVLRMNSAEG RKKALATCSS HMTVVTLFYG AAVYTYMLPA SLHTPEKDMV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 92%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against Olfr329-ps. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	OLFR329-PS
Alternative Name:	Olfr329-ps (OLFR329-PS 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: MOR275-6P, Olfr329

Protein Size: 331

Molecular Weight: 36 kDa

Gene ID: 259148

NCBI Accession: [NM_001011531](#), [NP_001011531](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 331 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.

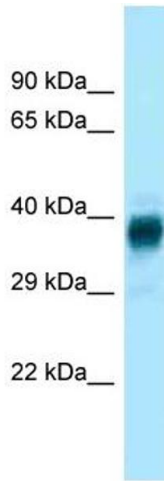
Preservative: Sodium azide

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. WB Suggested Anti-Olfr329-ps Antibody Titration:
1.0 ug/ml Positive Control: Mouse Thymus