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# Datasheet for ABIN2791804 anti-OR5D3P antibody (Middle Region)

Image



#### Overview

Quantity:	100 µL
Target:	OR5D3P
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Pig, Rabbit, Rat, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR5D3P antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human OR11H12
Sequence:	YAFIFITVMK MPSTGGRKKA FSTCASHLTA ITIFHGTILF LYCVPNSKSS
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against OR5D3. It was validated on Western Blot.
Purification:	Affinity Purified

### Target Details

Target:	OR5D3P
Alternative Name:	OR5D3 (OR5D3P Products)

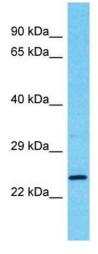
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## Target Details

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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. Protein Size: 216
	Protein Size. 210
Molecular Weight:	23 kDa
Gene ID:	440153
NCBI Accession:	NM_001013354, NP_001013372
UniProt:	B2RN74
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
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 repeat 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.

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#### Images



Host: Rabbit Target Name: OR5D3 Sample Tissue: Hela Cell Lysate Antibody Dilution: 1.0µg/ml

### Western Blotting

Image 1. Host: Rabbit Target Name: OR5D3 Sample Type: Hela Whole Cell lysates Antibody Dilution: 1.0ug/ml

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