

Datasheet for ABIN2791836

anti-OR52R1 antibody (N-Term)





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Overview

Quantity:	100 μL
Target:	OR52R1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR52R1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of human OR52R1
Sequence:	VGNITLLHVI RIDHTLHEPM YLFLAMLAIT DLVLSSSTQP KMLAIFWFHA
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against OR52R1. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	OR52R1

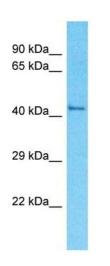
Target Details

Alternative Name:	OR52R1 (OR52R1 Products)
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. This olfactory receptor gene is a segregating
	pseudogene, where some individuals have an allele that encodes a functional olfactory
	receptor, while other individuals have an allele encoding a protein that is predicted to be non-
	functional.
	Alias Symbols: OR11-22
	Protein Size: 394
Molecular Weight:	43 kDa
Gene ID:	119695
NCBI Accession:	NM_001005177, NP_001005177
UniProt:	Q8NGF1
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

Handling

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.

Images



Host: Rabbit

Target Name: OR52R1

Sample Tissue: HT1080 Cell Lysate

Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: OR52R1 Sample Type: HT1080 Whole Cell lysates Antibody Dilution: 1.0ug/ml