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Datasheet for ABIN2791830 anti-OR52B2 antibody (C-Term)

Image



Overview

Quantity:	100 μL
Target:	OR52B2
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Mouse, Rabbit, Rat, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR52B2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human OR52B2
Sequence:	LDVILIAVSY SLILRAVFRL PSQDARHKAL STCGSHLCVI LMFYVPSFFT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against OR52B2. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	OR52B2

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Target Details		
Alternative Name:	OR52B2 (OR52B2 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.	
	Alias Symbols: OR11-70	
	Protein Size: 323	
Molecular Weight:	36 kDa	
Gene ID:	255725	
NCBI Accession:	NM_001004052, NP_001004052	
UniProt:	Q96RD2	
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	

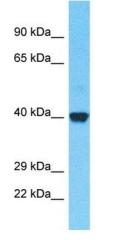
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Handling

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



Host: Rabbit Target Name: OR52B2 Sample Tissue: Fetal Kidney Lysate Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Rabbit Target Name: OR52B2 Sample Type: Fetal Kidney lysates Antibody Dilution: 1.0ug/ml