

Datasheet for ABIN635112

anti-OR10X1 antibody (Middle Region)





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Overview	
Quantity:	100 μL
Target:	OR10X1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR10X1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	OR10 X1 antibody was raised using the middle region of OR10 1 corresponding to a region with
	amino acids NIMTKVHGKRYAYKFDFHGIAQALQPHPPESSLYKYPSDLPYMGSYHAHP
Specificity:	OR10 X1 antibody was raised against the middle region of OR10 1
Purification:	Affinity purified
Target Details	
Target:	OR10X1
Alternative Name:	OR10X1 (OR10X1 Products)
Background:	OR10X1 is an odorant receptor. Olfactory receptors interact with odorant molecules in the nose,
Background:	OR10X1 is an odorant receptor. Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor
Background:	

Target Details

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.		

Molecular Weight:

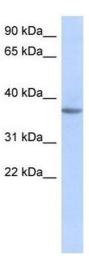
36 kDa (MW of target protein)

Application Details

Application Notes:	WB: 1 μg/mL	
	Optimal conditions should be determined by the investigator.	
Comment:	OR10X1 Blocking Peptide, catalog no. 33R-6728, is also available for use as a blocking control in assays to test for specificity of this OR10X1 antibody	
Restrictions:	For Research Use only	

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of OR10 1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. OR10X1 antibody used at 1 ug/ml to detect target protein.