

For Research Use Only

# OR9Q1 Polyclonal antibody

Catalog Number: 24942-1-AP



## Basic Information

<b>Catalog Number:</b> 24942-1-AP	<b>GenBank Accession Number:</b> BC110819	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 219956	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q8NGQ5	
<b>Immunogen Catalog Number:</b> AG13548	<b>Full Name:</b> olfactory receptor, family 9, subfamily Q, member 1	
	<b>Calculated MW:</b> 310 aa, 35 kDa	
	<b>Observed MW:</b> 35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, THP-1 cells
<b>Species Specificity:</b> human	

## Background Information

OR9Q1 is a class A olfactory GPCR expressed in olfactory sensory neurons, where it contributes to odor detection through cAMP-mediated signaling. As part of the extensive olfactory receptor repertoire, OR9Q1 participates in the combinatorial encoding of odorant stimuli, supporting sensory discrimination of volatile chemicals. Although specific ligands and disease associations remain largely undefined, genetic variation in OR genes-including OR9Q1-contributes to individual diversity in olfactory perception.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

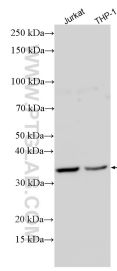
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24942-1-AP (OR9Q1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.