

For Research Use Only

# VN1R5 Polyclonal antibody

Catalog Number: 20554-1-AP



## Basic Information

<b>Catalog Number:</b> 20554-1-AP	<b>GenBank Accession Number:</b> NM_173858	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 950 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 317705	<b>Recommended Dilutions:</b> IHC: 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q7Z5H4	
<b>Isotype:</b> IgG	<b>Full Name:</b> vomeronasal 1 receptor 5	
	<b>Calculated MW:</b> 41 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse testis tissue,
<b>Species Specificity:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

The VN1R5 (Vomeronasal type-1 receptor 5) belongs to the vomeronasal receptor family and is primarily involved in detecting pheromones and chemical signals in mammals. In humans, VN1R5 is predicted to function as a G protein-coupled receptor (GPCR) involved in pheromone signaling pathways. Research has linked VN1R5 to cisplatin resistance in head and neck squamous cell carcinoma (HNSCC), indicating potential roles beyond chemosensory functions (PMID: 34111560).

## 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

\*\*\* 20ul sizes contain 0.1% BSA

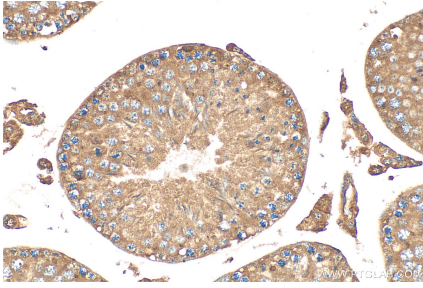
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 20554-1-AP (VN1R5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).