

For Research Use Only

VN1R5 Polyclonal antibody

Catalog Number: 20554-1-AP



Basic Information

Catalog Number:

20554-1-AP

Concentration:

950 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_173858

GeneID (NCBI):

317705

UNIPROT ID:

Q7Z5H4

Full Name:

vomer nasal 1 receptor 5

Calculated MW:

41 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC: 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC: mouse testis tissue,

Background Information

The VN1R5 (Vomer nasal 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

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

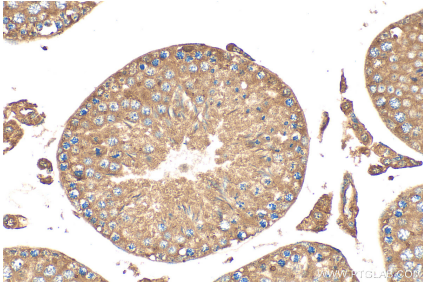
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Selected Validation Data



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).