

For Research Use Only

# OR2H1 Polyclonal antibody

Catalog Number: 26954-1-AP



## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>26954-1-AP                          | <b>GenBank Accession Number:</b><br>BC048991                             | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 450 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>26716   | <b>Recommended Dilutions:</b><br>IHC 1:50-1:500              |
| <b>Source:</b><br>Rabbit                                      | <b>UNIPROT ID:</b><br>Q9GZK4   |  |
| <b>Isotype:</b><br>IgG  | <b>Full Name:</b><br>olfactory receptor, family 2, subfamily H, member 1 |  |
| <b>Immunogen Catalog Number:</b><br>AG25268                   | <b>Calculated MW:</b><br>35 kDa  |  |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>IHC, ELISA  | <b>Positive Controls:</b><br>IHC : human lung cancer tissue, |
| <b>Species Specificity:</b><br>human   |  |
| <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

Olfactory receptors (ORs) are part of the G protein-coupled receptor (GPCR) superfamily. Olfactory receptors interact with odor molecules in the nose, initiating neuronal responses that lead to olfactory perception. Olfactory receptor, family 2, subfamily H, member 1(OR2H1) is widely expressed in solid epithelial tumors but not in other normal human tissues except testis (PMID: 35499393).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

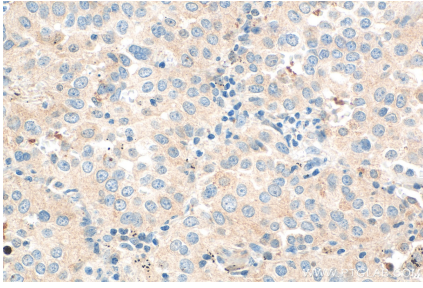
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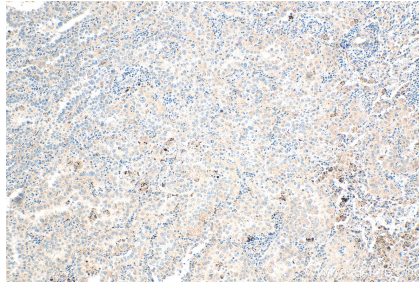
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 26954-1-AP (OR2H1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 26954-1-AP (OR2H1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).