

For Research Use Only

OR2H1 Polyclonal antibody

Catalog Number: 26954-1-AP



Basic Information

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

Applications

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

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

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

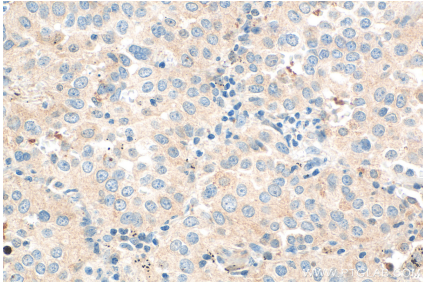
T: 4006900926

E: Proteintech-CN@ptglab.com

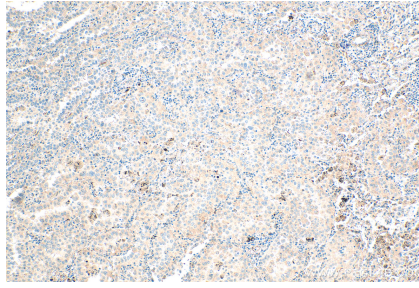
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Selected Validation Data



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).