

For Research Use Only

# OLFM1 Polyclonal antibody

Catalog Number: 10079-1-AP



## Basic Information

<b>Catalog Number:</b> 10079-1-AP	<b>GenBank Accession Number:</b> BC000189	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 133 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10439	<b>Recommended Dilutions:</b> IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q99784	
<b>Isotype:</b> IgG	<b>Full Name:</b> olfactomedin 1	
<b>Immunogen Catalog Number:</b> AG0125	<b>Calculated MW:</b> 20 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human lung cancer tissue,
<b>Species Specificity:</b> human, mouse, rat	

**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

Olfactomedin 1 (Olfm1), also known as noelin and pancortin, is a secreted glycoprotein belonging to a family of olfactomedin domain-containing proteins. The gene of Olfm1 is located on chromosome 9q34.3. Four variant transcripts (AMY, BMY, AMZ, and BMZ) are produced by alternative splicing. Olfm1 may be involved in the regulation of neural crest cell production, neuronal differentiation and ischemic neuronal death in adult. This antibody is specific for isoform 3 and isoform 4 (AMY) of Olfm1 with native molecular weights of 54 kDa and 16 kDa respectively. AMY may have an essential role in nerve tissue.

## Storage

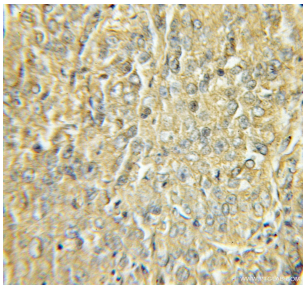
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

For technical support and original validation data for this product please contact:  
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer using 10079-1-AP (OLFM1 antibody) at dilution of 1:50 (under 10x lens).