

For Research Use Only

OLFM1 Polyclonal antibody

Catalog Number: 10079-1-AP



Basic Information

Catalog Number: 10079-1-AP	GenBank Accession Number: BC000189	Purification Method: Antigen affinity purification
Size: 133 µg/ml	GeneID (NCBI): 10439	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q99784	
Isotype: IgG	Full Name: olfactomedin 1	
Immunogen Catalog Number: AG0125	Calculated MW: 20 kDa	

Applications

Tested Applications:
IHC, ELISA

Species Specificity:
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

Positive Controls:

IHC : human lung cancer tissue,

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

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

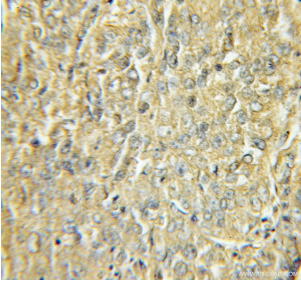
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Selected Validation Data



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