

For Research Use Only

# SEMA3C Polyclonal antibody

Catalog Number:30638-1-AP



## Basic Information

|   |   |  |
|---|---|--|
| <b>Catalog Number:</b><br>30638-1-AP                          | <b>GenBank Accession Number:</b><br>BC030690  | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>150ul , Concentration: 250 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>10512  | <b>Recommended Dilutions:</b><br>IHC: 1:50-1:500             |
| <b>Source:</b><br>Rabbit                                      | <b>UNIPROT ID:</b><br>Q99985  |  |
| <b>Isotype:</b><br>IgG  | <b>Full Name:</b><br>sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C |  |
| <b>Immunogen Catalog Number:</b><br>AG32426                   | <b>Calculated MW:</b><br>85 kDa   |  |

## Applications

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

SEMA3C (Semaphorin 3C) is associated with tumor progression and poor prognosis across multiple tumor types, including pancreatic, gastric, prostate, and breast cancer, as well as glioma. It is worth noting that full-length SEMA3C has also been reported as a tumor suppressor factor by suppressing tumor lymphangiogenesis and metastasis (PMID: 31649890).

## 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

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

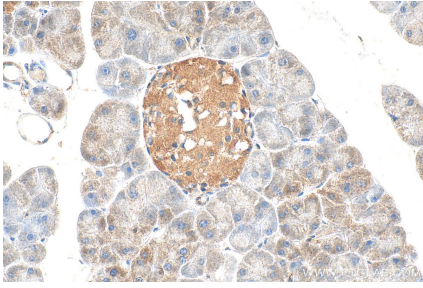
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 30638-1-AP (SEMA3C antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).